

19990929.qrp v01_n593.qrl.990929

Date: Wed, 29 Sep 1999 19:03:11 EDT

From: qrp-l@Lehigh.EDU

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: QRP-L digest 1593

QRP-L Digest 1593

Topics covered in this issue include:

- 1) [51579] Re: Ragchew with a Tech Plus
by Shepherd@aol.com
- 2) [51580] That buzzing in my ears [Was Re:Ragchewing]
by w4pj@w4bkx.ampr.org
- 3) [51581] RE: calls
by "Ed Tanton" <n4xy@att.net>
- 4) [51582] Re: That buzzing in my ears [Was Re:Ragchewing]
by K2UD@aol.com
- 5) [51583] 2N3819 pinout?
by Andy C Meng <andymeng@juno.com>
- 6) [51584] RE: 2N3819 pinout?
by "Ed Tanton" <n4xy@att.net>
- 7) [51585] 15m Homebrew
by Ed Kessler <edkess@epix.net>
- 8) [51586] Re: Off Topic? Clean up an old aluminum antenna?
by "Larry Przyborowski" <lprzyski@erols.com>
- 9) [51587] Re: That buzzing in my ears [Was Re:Ragchewing]
by "Alan Fryer" <n3bj@hotmail.com>
- 10) [51588] 1000 miles per watt
by "C. Lamar Derk" <n3at@noln.com>
- 11) [51589] F.S.: HW-9 Crystal IF Filter
by VE3JC - John C <jbcumming@wwdc.com>
- 12) [51590] Yet another day of mW QSOs
by "Chuck Adams, K7Q0" <k7qo@hotmail.com>
- 13) [51591] Re: 15m Homebrew
by "Chuck Adams, K7Q0" <k7qo@hotmail.com>
- 14) [51592] Re: That buzzing in my ears [Was Re:Ragchewing]
by "Nick Kennedy" <nkennedy@cswnet.com>
- 15) [51593] Re: 15m Homebrew
by "Bill Kelsey - N8ET - Kanga US" <kanga@bright.net>
- 16) [51594] ITEMS FOR SALE
by Barry J Minsky <w2bj@juno.com>
- 17) [51595] Re: 15M SST
by mjfitz@uswest.net
- 18) [51596] Tennadyne T-6 Log Periodic
by Roy Lincoln <wa4dou@usa.net>
- 19) [51597] Re: 15m Homebrew

- by "Dave Fifield" <fifield@pacbell.net>
- 20) [51598] Fireball QRPp Tx, Amp, Rx & VFO updates
by "George Heron" <n2apb@erols.com>
- 21) [51599] Re: Yet another day of mW QSOs
by Phil Wheeler <w7ox@mindspring.com>
- 22) [51600] RE: Dat Buzzing in der ears
by hamjoel@juno.com
- 23) [51601] Pre-FOX Fest !!
by Joel Malman <malman@world.std.com>
- 24) [51602] Step Attenuator from Ten-Tec
by charles k brown <n4so@juno.com>
- 25) [51603] Re: NorCal Paddles and Pacificon
by PDouglas12@aol.com
- 26) [51604] Re: 15m Homebrew
by Russ Hines <radioruss@fuse.net>
- 27) [51605] antenna wierdness...
by Christian Void <cvoid@netcom.com>
- 28) [51606] Re: FAR Circuits
by Russ Dow <n7dw@garlic.com>
- 29) [51607] Fox 1000 Apologies, Wrong date...
by "Sly (9M8SL)" <cqsly@tm.net.my>
- 30) [51608] Re: That buzzing in my ears [Was Re:Ragchewing]
by Bob Patten <n4bp@bc.seflin.org>
- 31) [51609] Off topic posts
by "Ian C. Purdie VK2TIP" <ianpurdie@integritynet.com.au>
- 32) [51610] Re: Ragchewing
by Thomas Upton <stjohn@ocsnet.net>
- 33) [51611] Re: NorCal Paddles and Pacificon
by Russ Dow <n7dw@garlic.com>
- 34) [51612] KI6DS adds 3 states to Ribbon Cable Dipole and works K7QO
by Doug Hendricks <ki6ds@dospalos.org>
- 35) [51613] Tuna Tin 2 + MRX-40 Mods
by "Dave Fifield" <fifield@pacbell.net>
- 36) [51614] Re: antenna wierdness...
by "Steve/n0tu" <n0tu@webaccess.net>
- 37) [51615] Palm Pilot Ham programs
by Jess Gypin <jessqrp@earthlink.net>
- 38) [51616] Palm Ham programs
by Jess Gypin <jessqrp@earthlink.net>
- 39) [51617] Signal strength report without S meters
by "Donny" <dsirait@centrin.net.id>
- 40) [51618] REPOST HUMOR Re: Signal strength report without S meters
by "Paul R. Valko" <prvalko@oakland.edu>
- 41) [51619] Re: Signal strength report without S meters
by Phil Wheeler <w7ox@mindspring.com>
- 42) [51620] Wanted: Diagram for simple 2Mtr P/A (O/T)
by Dave Barrett <DBarrett@creo.com>
- 43) [51621] Re: REPOST HUMOR Re: Signal strength report without S meters

by Phil Wheeler <w7ox@mindspring.com>
44) [51622] ...Speaking of Buzzing
by "ai2q" <ai2q@ispchannel.com>
45) [51623] Re: ...Speaking of Buzzing
by Phil Wheeler <w7ox@mindspring.com>
46) [51624] Re: antenna wierdness...
by Christian Void <cvoid@netcom.com>
47) [51625] Re: Signal strength report without S meters
by Michael Neverdosky <mneverdosky@earthlink.net>
48) [51626] Re: antenna wierdness...
by Michael Neverdosky <mneverdosky@earthlink.net>
49) [51627] Re: Signal strength report without S meters
by Drbob92031@aol.com
50) [51628] Transistor Cross
by Guy Dragoo <GDRAG@proedge.com>
51) [51629] Re: Signal strength report without S meters
by Phil Wheeler <w7ox@mindspring.com>
52) [51630] Re: Signal strength report without S meters
by Monte Stark <ku7y@dri.edu>
53) [51631] Penetrox Conductive Grease
by charles k brown <n4so@juno.com>
54) [51632] Re: Signal strength report without S meters
by Monte Stark <ku7y@dri.edu>
55) [51633] RE: ...Speaking of Buzzing
by "ai2q" <ai2q@ispchannel.com>
56) [51634] Re: Signal strength report without S meters
by "Steve Sorrell" <ap036@detroit.freenet.org>
57) [51635] Re: antenna wierdness...
by Dave Sjolin <sjolin@swbell.net>
58) [51636] Re: antenna wierdness...
by Christian Void <cvoid@netcom.com>
59) [51637] SST/MRF-237? and QRPA
by <aa5yx@juno.com>
60) [51638] Re: Signal strength report without S meters
by David Hinerman <dlh1009@ritvax.isc.rit.edu>
61) [51639] SIG REPORT
by ARDUJENSKI@aol.com
62) [51640] Re: ...Speaking of Buzzing
by "George T. Baker" <w5yr@swbell.net>
63) [51641] Re: Signal strength report without S meters
by Chris Cartwright Sr <ccart@phideaux.com>
64) [51642] Fw: Signetics Dual Gate MOSFETs
by "Byron & Janie Tatum" <bjtatum@iwl.net>
65) [51643] Fw: RE: Ribbon-Line
by dave_epps@juno.com
66) [51644] RE: Transistor Cross
by "Ed Tanton" <n4xy@att.net>
67) [51645] Fw: Fw: RE: Ribbon-Line

by william h ross <k6mgo@juno.com>
68) [51646] Pacificon Compendium Progress
by ki6ds@dpol.k12.ca.us (Hendricks, Doug)
69) [51647] Re: Patcomm part 2
by "Carl Zmola" <zmola@campbellsci.com>
70) [51648] Re: Pacificon Compendium Progress
by Bruce Muscolino <w6toy@erols.com>
71) [51649] Re: Signal strength report without S meters
by mwattcpa@earthlink.net (Marty Watt)
72) [51650] Re: Signal strength report without S meters
by Russ Hines <radioruss@fuse.net>
73) [51651] Re: NorCal Paddles and Pacificon
by "Chuck Adams, K7Q0" <k7qo@hotmail.com>
74) [51652] First QRP Forum in US
by ki6ds@dpol.k12.ca.us (Hendricks, Doug)
75) [51653] Re: Signal strength report without S meters
by "William R. Colbert" <af852@rgfn.epcc.edu>
76) [51654] Re: transistor #
by David Hinerman <dlh1009@ritvax.isc.rit.edu>
77) [51655] Help with newly purchased HW-8
by Mark Arvidson <MarkA@entitysystems.com>
78) [51656] RE: NorCal Paddles and Pacificon
by "NA6E" <mcherry@calweb.com>
79) [51657] 15 mtrs might be open
by Roy <marion@montana.com>
80) [51658] Pacificon MRX40 schematic error
by "David D. Meacham" <ddm@datatamers.com>
81) [51659] another Sudden Survey
by David Hinerman <dlh1009@ritvax.isc.rit.edu>
82) [51660] Re: First QRP Forum in US
by "Tony Fishpool" <g4wif@btinternet.com>
83) [51661] RE: NorCal Paddles and Pacificon
by Chris Cartwright Sr <ccart@phideaux.com>
84) [51662] Re: another Sudden Survey
by igeq100@iupui.edu
85) [51663] Re: ...Speaking of Buzzing
by "Jerry Bartachek" <jbartac@max.state.ia.us>
86) [51664] Patcomm part 3
by <SFIKE@twa.com>
87) [51665] Re: NorCal Paddles and Pacificon
by Bill Jones <kd7s@psnw.com>
88) [51666] Thanks! (Re: a variety of questions)
by Andy C Meng <andymeng@juno.com>
89) [51667] paddles
by "Dieter Gentzow WB8QYY" <wb8qyy@one.net>
90) [51668] Re: ...Speaking of Buzzing
by "Colin" <gw3wsu@gw8nnc.screaming.net>
91) [51669] RE: ...Speaking of Buzzing

by "ai2q" <ai2q@ispchannel.com>
92) [51670] MRX-40 Progress
by "Jack Oakland, CA" <w6abc@yahoo.com>

Date: Tue, 28 Sep 1999 19:08:54 EDT
From: Shepherd@aol.com
To: qrp-1@lehigh.edu
Subject: [51579] Re: Ragchew with a Tech Plus
Message-ID: <a92d650a.2522a486@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

In a message dated 9/28/99 5:24:59 PM Eastern Daylight Time, KF4EIB@aol.com writes:

> Greetings to all,
>
> Guys, talk about ragchew with CW ?
> My day is coming !! I may still be a Tech Plus (13 wpm is killing
me...Hi)
>
> but I'm going to make it yet !
> Nervous ? YOU BET !!!
>
> Oh well, the day will come that I will "talk" your ear off if you will sit
> still long enough.
>
> Thanks for giving me a happy thought today.
>
> Take care es 73,
>

You'll get there Gordon, it just takes practice.
But hey, I've had rag chews at 5 WPM. A bit slower, but most of us started
that way, and forget it too. ;-)

73,
Dan, N8IE

Date: Tue, 28 Sep 1999 19:53:01 EDT
From: w4pj@w4bkx.ampr.org
To: qrp-1@lehigh.edu

Subject: [51580] That buzzing in my ears [Was Re:Ragchewing]
Message-ID: <93740@w4bkk.ampr.org>

Ed, we6w said: " sigs that sound like QRQ CQ FD! And that noisy motor in the refrigerator will get the 599 TU before you realize it is time for bed."

You betcha! After 48 hrs of CW contesting, especially 160m, everything sounds like code. Truck motor, rhythm of a train while waiting at the tracks, even hear callsigns in the crickets at night. First impulse is type the call and hit [insert] - a new multiplier too! <grin>
It's amazing all the rhythmic things out there that we usually never notice till we get oversensitized to it. Maybe that's how Beethoven heard the music in his head. =:^^)

de (Scott) W4PJ

Date: Tue, 28 Sep 1999 20:00:03 -0400
From: "Ed Tanton" <n4xy@att.net>
To: <tstabler@iunhaw1.iun.indiana.edu>
Cc: "QRP-L Reflector" <qrp-l@Lehigh.EDU>
Subject: [51581] RE: calls
Message-ID: <NBBBJDEEIFDDANGEGLBMDHHBAA.n4xy@att.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi Tim... take a look at: <http://www.alltel.net/~johnshan/qsroute.html> it's my favorite place to look stuff up.

72 / 73 Ed N4XY email: <n4xy@arrl.net>

webpage: <http://www.qsl.net/n4xy/>

Date: Tue, 28 Sep 1999 20:00:41 EDT
From: K2UD@aol.com
To: w4pj@w4bkk.ampr.org
Cc: qrp-l@lehigh.edu
Subject: [51582] Re: That buzzing in my ears [Was Re:Ragchewing]
Message-ID: <1fd35908.2522b0a9@aol.com>
MIME-Version: 1.0

Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

Don't forget the toaster and the water faucet. I've heard CW coming out of those after Field Day. What other devices, guys?

72

Howard Kraus, K2UD

Date: Tue, 28 Sep 1999 19:12:39 +0100
From: Andy C Meng <andymeng@juno.com>
To: qrp-l@lehigh.edu
Subject: [51583] 2N3819 pinout?
Message-ID: <19990928.200106.11758.2.andymeng@juno.com>

I got a 2N3819 JFET from Radio Shack that I need for my G4WIF regen.
I can't find the package, so can someone tell me what the pinout of this component is? I hope to finish this regen and get it working and enclose it with a 9V batt in an Altoids box. It should fit easily.

Thank you for any help you can give me.

Andy

Andy KC8KFI Cincinnati, OH freshman at St. Xavier HS
www.stxavier-cincy.org
total HF QRP CW conacts; ~53 WEB: www.qsl.net/kc8kfi
andymeng@juno.com
SW40+ running 1-2W into a dipole at 28ft -- straight key
projects: IR start timer for motocross practice track, restoring SB-104
to working
condition, wirebrushing and painting tower, SMT G4WIF regen

Get the Internet just the way you want it.
Free software, free e-mail, and free Internet access for a month!
Try Juno Web: <http://dl.www.juno.com/dynoget/tagj>.

Date: Tue, 28 Sep 1999 20:13:49 -0400
From: "Ed Tanton" <n4xy@att.net>
To: <andymeng@juno.com>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [51584] RE: 2N3819 pinout?

Message-ID: <NBBBJDEEIFDDANGEGHLBKEDIHBAA.n4xy@att.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi Andy... go to: <http://www.siliconix.com/www/product/nchjfet.htm> and click on 2N3819. Bottom line is that facing the flat side (the face) with the pins pointed down, the pinout L to R is SGD.

72 / 73 Ed N4XY email: <n4xy@arrl.net>

webpage: <http://www.qsl.net/n4xy/>

Date: Tue, 28 Sep 1999 20:29:53 -0400
From: Ed Kessler <edkess@epix.net>
To: qrp-l@Lehigh.EDU
Subject: [51585] 15m Homebrew
Message-ID: <37F15D81.A03F2F35@epix.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Thanks to everyone who sent ideas/suggestions regarding a 15m homebrew transceiver project I'd like to work on.

Consensus is that apart from the "higher-priced" multiband rigs, i.e., K2, OHR500, Sierra, there is not much by way of a kit for 15m.

Ten Tec's 1315 is not on the market yet; and a tech. rep. from MFJ told me that the only kits they sell are the Vectronics line which has no 15 meter option.

Here are some possibilities I'm sorting through:

1. Modify an SST

Looked over the QRP-L Archives' articles. Roy, AB7CE, has posted directions for a 20m to 15m SST. I'm tempted to experiment with that idea since I have an SST 30 and like it.

2. Build the original Sierra as found in the ARRL Handbook. Looks like it would be a fun project.

3. John, WB8RCR, suggested modifying the 2N2/40 which would be a fun learning experience for me. Dieter, WB8QYY, also suggested modifying an

existing 20 meter rig.

4. Russ Hines, WB8ZCC, sent me the folling references, Far Circuits has a board for the first article. As, Ken Brown, N4SO, noted, these are based on older technology, and the Sep 90 article is practically the same, I guess, as the MFJ 90XX models. (I ordered the board and article just to look it over. If this is a transceiver I like or can use I may build one, install a TICK and one of Almost All Digital's Digital Readouts -- just to jazz it up.)

Sept. 1990, Page 43 - "Build A QRP Transceiver For 15M CW" by Rick Littlefield, K1BQT

November, 1995, Page 11 - "How To Build A QRP Transceiver For The Novice 15 Meter Band" by Mac Chapman, KI6BP

5. Pat Byers, VE6AAN, suggested contacting Dave Benson about left over parts from his GM-15 which is no longer sold. I haven't heard from Dave yet.

I'm hoping that the DSW rig is offered in a 15m version. Hint. Hint. It sounds like a kit designer/supplier could sell quite a number of these, judging from the number of emails I've received from other hams who are looking for a similar rig.

Sorry for the bandwidth.
Ed, AA3SJ

Date: Tue, 28 Sep 1999 20:35:45 -0400
From: "Larry Przyborowski" <lprzybski@erols.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [51586] Re: Off Topic? Clean up an old aluminum antenna?
Message-ID: <005601bf0a12\$92909060\$8484accf@k3peg>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Cleaning an antenna "for the purpose of getting every milliwatt of rf radiated efficiently as possible" was intended as a humorous statement by me. Guess I should have made that apparent with "hi hi" after it... Cleaning aluminum sure makes it look good, and that's my intent in cleaning it.

A few here @ QRP-L have stated not to use steel wool for cleaning aluminum.

I must agree with that, and I should have known better--> DON'T USE steel wool.

Others here have mentioned using Scotch Brite pads- they also work very well. And, I may try bronze wool since it too was mentioned. I believe it is obtainable at marine supply houses, but I'm not certain. Bronze wool is often used to close off cable penetration ducts and cable conduits in an EMI shielded room.

While cleaning my recently acquired, used TH3JR-S, I found loose connections, cobwebs and a few dead spiders inside the traps! I also replaced rusted screws in the trap sleeves with stainless steel ones. Keeping in mind that there's no known correlation between an antenna's appearance and its radiation properties it still does pay to do maintenance work them, especially used ones.

Remember to scrub/clean all mating surfaces, and then lightly coat with "Noalox" (Anti-Oxidant Joint Compound) or an equivalent prior to final assembly.

Above all don't make this a chore- ham radio is meant to be fun!

Tnx to NS80, AI2Q, W4PJ and W6TOY for their comments- most of which are repeated here.

72/3 de Larry - K3PEG -.-

Date: Tue, 28 Sep 1999 17:42:15 PDT
From: "Alan Fryer" <n3bj@hotmail.com>
To: K2UD@aol.com
Cc: qrp-1@lehigh.edu
Subject: [51587] Re: That buzzing in my ears [Was Re:Ragchewing]
Message-ID: <19990929004216.81554.qmail@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

Howard

The other device is the toilet, galvanic corrosion on the copper float acting like a diode and rectifying the sig. Had an AMer in my hometown that had a neighbor that heard him 59 on the water cavity amplifier. Course, I've been accused of messing up washing machines with CW, so who knows ?? This was the early stages of multi-media..

Alan, N3BJ

-----Original Message Follows-----
From: K2UD@aol.com

Reply-To: K2UD@aol.com
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: Re: That buzzing in my ears [Was Re:Ragchewing]
Date: Tue, 28 Sep 1999 20:00:41 EDT

Don't forget the toaster and the water faucet. I've heard CW coming out of those after Field Day. What other devices, guys?

72

Howard Kraus, K2UD

Get Your Private, Free Email at <http://www.hotmail.com>

Date: Tue, 28 Sep 1999 20:49:55 -0700
From: "C. Lamar Derk" <n3at@noln.com>
To: -Reflector <qrp-1@lehigh.edu>
Subject: [51588] 1000 miles per watt
Message-ID: <37F18C63.40695B35@noln.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Not sure about the exact distance, but I think WB6APR qualifies for the 1000 miles per watt award! I worked him on 40 meters at about 5 P.M. today, and he was running 400 mw. When I told him I was running 1 watt, he turned his power down to 30 mw, and I could still copy him!!! I think he is far enough away from this QTH to qualify for the award.

72, Lamar N3AT

Date: Tue, 28 Sep 1999 21:02:37 -0400
From: VE3JC - John C <jbcumming@wwdc.com>
To: QRP-CANADA <qrp-canada@lists.gpfn.sk.ca>, Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [51589] F.S.: HW-9 Crystal IF Filter
Message-ID: <37F1652D.3A57B390@wwdc.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I have owned two HW-9's, and often kick myself for having sold them.

One of the most delightful modifications that can be made to the HW-9 is the addition of a crystal IF filter, which reduces the "wide-as - a - barn - door" selectivity of the stock rig. Since the '9 uses the same IF as some Kenwood rigs, crystal filters are available. I had previously used a kenwood 250 Hz filter, but found this a little tight for my liking.

So about a year ago, I picked up this International Radio Crystal Filter, which featured 450 Hz bandwidth and a very attractive 2.5 shape factor. My hope was to find another lonely HW-9 to bring up to fighting form. However, I haven't found one, so I thought I would let one of you hw-9 owners have the fun.

The filter, along with a few components for buffering, and a miniature 12v relay, are built on a small piece of perf board, "piggy back" to the main circuit board. This mod is very "non-intrusive" - it uses the unused position on the wide/narrow switch, and there are no external holes, etc. So you could always go back to an "unmodified" state, but after hearing the dramatic improvement in selectivity, especially in the presence of adjacent strong signals, you would never think of removing it.

The filter is an IRC model 88H400 (8.8307 MHz freq, as required for the HW-9). I will ship it, along with the June '90 QST article outlining the mod, for \$US 60. A pix of the filter is located at:

<http://users.imag.net/~lon.jbcumming/hw9filtr.jpg>

Let me know if you have any questions. Or else, check out the QRP-L Archives CD, where a number of people have discussed this modification over the years.

Vy 73 & 72, JC

		VE3JC John Cumming
Q		Delaware, ON CANADA
/\		jbcumming@wwdc.com
@` /<-----		hf qrp cw bicycle mobile
(*) \(*)		http://www.geocities.com/CapeCanaveral/Lab/7378/

Date: Tue, 28 Sep 1999 18:40:03 MST
From: "Chuck Adams, K7QO" <k7qo@hotmail.com>
To: qrp-l@lehigh.edu
Subject: [51590] Yet another day of mW QSOs
Message-ID: <19990929014004.61989.qmail@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

Gang,

I usually have the rig on during parts of the day. Helps run the battery down further. :-)

About 5pm local solar time (gotta remember that in the great state of AZ we don't do daylight savings --- hey, use it or lose it) :-)
I start up on 20 meters listening and working what I can.

Today I snagged:

AR, Canada, WA, CT!!!! Two new ones today. Hey, it's OK to get excited about started from zero at a new QTH. All this at 0.75W measured and calibrated on the OHR WM-2 and Tek scope....

Then K1MG gives me a call. Sounds like he is next door. One of the things that I do, since CT was weak was to crank the gain up to about 90% and then forget to turn it down and someone like Mike comes along and really really pounds the audio!! KI6DS calls me in the middle of the QSO, he too is 599, and then KU7Y (old Ron in Reno) also 599+. All these guys with aluminum (polished or unpolished) up at high altitude and I don't have a chance when they aim them in my direction... :-) Doug has a NC20 and some fancy smancy antenna but when the band is open between the mountains of AZ and the desert plains of CA watch out for the ear drums!! Good job Doug.

NV is a new one from AZ. QSL at Pacificon....

QSO was 22 mins with Mike with all the interruptions. Mike said something about paint smudges. Sorry to hear that Mike. :-)
Oh, you meant for my painting. It'll be drying when I get to Concord.... Glad I'm not flying this year. I'd get the same notoriety that some other member of QRP-L has for finishing projects on airplanes.... ;-)

Submitted for the enjoyment of the group. You gotta get on the air to work 'em...

dit dit es 73

Chuck Adams K7QO CP-60 k7qo@hotmail.com <http://www.qsl.net/k7qo>
All QSLs to Box 11840, Prescott, AZ 86304-1840

Waiting on FCC ULS to catch up on update(s).....

Get Your Private, Free Email at <http://www.hotmail.com>

Date: Tue, 28 Sep 1999 18:25:06 MST
From: "Chuck Adams, K7Q0" <k7qo@hotmail.com>
To: edkess@epix.net
Cc: qrp-1@lehigh.edu
Subject: [51591] Re: 15m Homebrew
Message-ID: <19990929012507.15523.qmail@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

Ed et.al.,

Just a note or two on the topic.

The new MFJ kit will not be offered for anything above 17m.
I talked to Martin Jue today on the phone.

I use the DSW-20 daily. Without mods to add IF amp section I'm afraid that the receiver just would not have enough gain for 21MHz. This is not a criticism of the DSW-XX series. They work great on 40/30/20. See my next post on 20 meters today 9/28/99 to follow.

NN1G had a rig in the Jan issues of QQ in 1993/94 timeframe for his famous NN1G Mark II and II series. I think that there was a table of crystal and other values that would put the rig on almost all bands from 80 meters to 10 meters. As I have not unpacked some boxes with books and papers yet I'd be hard pressed to find it, but will send note to the group when I do. So, if anyone has one that is unbuilt or even already built for one band it should be relatively simple to modify for 15 meters.

Another source is to run down an unbuilt GM-15 (I have one but it is not for sale at any price --- that's why you didn't see it in the K5FO Estate Sale (tm)). The GM-XX series was a great series of rigs from Dave, NN1G. I hated to see him discontinue them, but that's the way it is in business. Move on to the next product....

FYI es gl in the hunt for a single band 15m rig

Beat on Red Hot Radio.... ;-) and others and there may be enough demand for them to invest the time and money for engineering....

They listen to the postings on this reflector.

dit dit

Chuck Adams K7QO CP-60 k7qo@hotmail.com <http://www.qsl.net/k7qo>
All QSLs to Box 11840, Prescott, AZ 86304-1840
Waiting on FCC ULS to catch up on update(s).....

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Date: Tue, 28 Sep 1999 20:44:24 -0500
From: "Nick Kennedy" <nkennedy@cswnet.com>
To: <K2UD@aol.com>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [51592] Re: That buzzing in my ears [Was Re:Ragchewing]
Message-ID: <001001bf0a1c\$2961caa0\$e67054d8@big>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Well, my first was birds chirping. I'd just had my first intensive field day (around 1965) and when I came home the birds were sending CW. But these days after a contest, I can't isolate it to any one thing--the whole universe just reverberates with morse.

Nick, Wa5BDU

-----Original Message-----

From: K2UD@aol.com <K2UD@aol.com>

>Don't forget the toaster and the water faucet. I've heard CW coming out of
>those after Field Day. What other devices, guys?

>

>72

>

>Howard Kraus, K2UD

>

Date: Tue, 28 Sep 1999 22:10:16 -5

From: "Bill Kelsey - N8ET - Kanga US" <kanga@bright.net>
To: Ed Kessler <edkess@epix.net>, qrp-l@Lehigh.EDU
Subject: [51593] Re: 15m Homebrew
Message-ID: <199909290210.WAA15981@sparticus.bright.net>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT

Ed and the rest of QRP-L -

Don't forget about the Kanga and Hands kits that are available for single bands from 160 right on up to 220 MHZ and above - and that includes 10 and 15 meters.

Hands Electronics does the RTX series of monoband multimode xcvr's that can be ordered for 10 or 15. All Hands Kits are sold in modules, so you get only the features you need. You can start with the basic modules and have a 1 mw basic rig, or get the 0-15Wamp and add a 500 hz cw filter along with other options. Take a look at the web site at

<http://www.rf-kits.demon.co.uk/>

You won't find anything that says "15 Meter Xcvr", but when you check out the RTX xcvr, you will see that it can be ordered for any band with a large variety of options.

Also - I do a series of kits designed by KK7B that can be used to make a 15 meter multimode xcvr. A receiver board (R1, miniR2, or R2Pro), transmitter board (T2), and VXO (LM2) can be combined to make a stackable three board, monoband, multimode xcvr that puts out 2 mw. Add the Hands RTX amp and you have a 0-15W xcvr. There is a VFO board that can be used in place of the LM-2 on 20, 30, or 40 meters.

None of the above kits are beginner's kits, but they are high performance radios when you get done. A case can be ordered for the RTX series, but the KK7B series leave the packaging completely up to you. There is more info on the KK7B series on my web page at

www.bright.net/~kanga/kanga/

There is nothing on the page yet about the R2Pro - I expect to get the prototype board from Rick soon. The R2Pro is an improved version of the R2 which is described on the page.

I hope you find something there that interests you. I have found that the QRP crowd seems to pass over the KK7B stuff (and presumably the Hands gear also) because it is not a complete kit - you provide the case and interconnections. Most of the sales are to the VHF/UHF/microwave crowd

looking for a good high performance rig that can be made portable to be used for mountain top work as the IF rig for all their VHF/UHF/microwave gear.

Hope to hear from you!

73 - Bill - N8ET
Kanga US
kanga@mail.bright.net
<http://www.bright.net/~kanga/>
419-423-4604

Date: Tue, 28 Sep 1999 21:54:52 -0400
From: Barry J Minsky <w2bj@juno.com>
To: qrp-l@lehigh.edu, qrp@qth.net, cw@qth.net, forsale-swap@qth.net
Subject: [51594] ITEMS FOR SALE
Message-ID: <19990928.215458.-312655.0.w2bj@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

I am planning to purchase a new K2. I would like to sell the following:

1. Wilderness Radio Sierra with KC-1. Modules for 3.5, 7, 10.1, and 14 MHz are built. Unbuilt modules for 18, 21, 24.8 and 28 MHz are included. Excellent condition. \$400.00 including CONUS shipping.
2. EMTECH 40 with AF-1 filter and KC-1 in the EMTECH enclosure. This rig does not have the variable bandwidth filter. The paddle jack is where the bandwidth filter knob is normally placed. Rig is in excellent condition. I used it when I was living in Germany. The selectivity was so good that it an ideal rig for 40 meters where broadcast stations mess up the band. \$125.00 plus shipping.
3. EMTECH 80 with AF-1 filter, variable bandwidth filter, and TIC keyer in the EMTECH enclosure. Excellent condition. \$120.00 plus shipping.
4. EMTECH 30 with AF-1 filter and variable bandwidth filter in the EMTECH enclosure. Excellent condition. \$100.00 plus shipping.
5. SW-30 in NN1G case. This is the rig that was used in the ELMER 101 project. Excellent condition. \$80.00 including CONUS shipping.
6. MFJ Versa Tuner 949E in very excellent condition. This unit has rarely been used. \$100.00 plus shipping.

Please contact me off list. Thanks.

72/73,

Barry J. Minsky, W2BJ

ARRL, QRP ARCI #8871, NorCal #1560, QRP-L #1543, FISTS #2701, Century Club #569, Platinum #51, FISTS CW Club of Coastal Georgia, Knightlites, Adventure Radio Society #359, Six Club #151, QCWA #29298, OOTC #3723

Date: Tue, 28 Sep 1999 21:17:05 -0500
From: mjfitz@uswest.net
To: QRP-L Posts <qrp-l@LEHIGH.EDU>
Subject: [51595] Re: 15M SST
Message-ID: <37F176A1.322C4CEE@uswest.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Folks,

An SST for 15 M is very easy to homebrew using pad-and-glue method. Have posted on this topic before...see link below for article (by KI0AF, a real cool ham) on this topic.

This guy has homebrew SSTs on 40,30,20,15, and 10 meters. Watch for an upcoming article in the fall issue of the on-line Iowa QRP Club Journal on building a 10 M SST, coming soon to a modem near you...

It is also possible to put one on 17 M.

<ftp://divis17.ped-gen.uiowa.edu/pub/iaqrp-l/journal/spring1999.pdf>

Ah... how's that guy out east put it...melt solder?

Mike NOMF
Mo. Valley IA
(ex-KI0AF)

Date: 28 Sep 99 22:20:24 EDT
From: Roy Lincoln <wa4dou@usa.net>

To: qrp-1@lehigh.edu
Cc: antennas@qth.net
Subject: [51596] Tennadyne T-6 Log Periodic
Message-ID: <19990929022024.7633.qmail@nwcst323.netaddress.usa.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: quoted-printable

Hi Guys,

Anyone out there got any experience with the Tennadyne T-6? Would appreciate any comments, pro or con. The antenna seems like a good prospect in many ways, am skeptical of the 5.1 dbd gain claim, but that probably isn't too implausible. Even if the gain wasn't over 3.5 to 4 dbd, the antenna might be a good one. =

Comments appreciated. Thanks es 73, Roy WA4DOU

Get free email and a permanent address at <http://www.netaddress.com/?N=3D=1>

Date: Tue, 28 Sep 1999 19:33:17 -0700
From: "Dave Fifield" <fifield@pacbell.net>
To: <k7qo@hotmail.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [51597] Re: 15m Homebrew
Message-ID: <007601bf0a22\$fd0fcc20\$0100a8c0@pacbell.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Red Hot Radio *will* be offering a 15m version soon! Keep your eyes and ears open....

72, Dave Fifield, AD6A
<http://www.redhotradio.com>

----- Original Message -----

From: Chuck Adams, K7QO <k7qo@hotmail.com>
(snip)

> Beat on Red Hot Radio.... ;-) and others and there may be enough
> demand for them to invest the time and money for engineering....
> They listen to the postings on this reflector.

We do!

Date: Tue, 28 Sep 1999 22:59:46 -0500
From: "George Heron" <n2apb@erols.com>
To: "NJQRP" <NJQRP@njqrp.org>, "QRP-L" <qrp-l@Lehigh.EDU>
Subject: [51598] Fireball QRPP Tx, Amp, Rx & VFO updates
Message-ID: <017901bf0a2f\$148897e0\$3198accf@computer>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Many people have been asking, so here's an update on the
"Fireball" family of QRP kits provided by the Jersey QRPers
...

1) Fireball 40 QRPP Transmitter Kits

All outstanding orders have shipped this week! Last month we announced that we were out of stock and not going to do another run of kits, but still we were inundated with requests for this \$10 "FB40" transmitter kit ... so we purchased parts for another round. They're ready and in stock again on the shelves. See the FB40 project article featured in the Spring 1999 QRPP issue.

2) Fireball 40 "PLUS" RF Amplifier Kits (& TiCK option too!)

This is the \$11 "bag o' parts" kit of components that go onto the FB40 circuit board to boost the 40 milliwatt (or so) signal from the bare FB40 up to a beefy 1.5W. Just solder the parts into the pcb and voila, you've got a 13 dB signal improvement thanks to the Wes Hayward "Ugly Weekender" amplifier design used in the FB40. And the Embedded Research guys have once again extended their generous contribution of TiCK keyer chips that also drop into the FB40 pcb. This TiCK bag o' parts option is still available at \$4 ... what a deal, thanks to Brad & Gary!

3) Fireball "SOP" Receiver

It's ready! Well, almost ... we're in the prototype test and tune stage, and it's looking great! This \$32 direct conversion receiver kit is designed to work well with the FB40 transmitter or as a medium-quality stand-alone receiver for 80m or 40m (with mods for 20-10m). The pc board for

this kit was made to fit into an Altoids tin (of course!) and as a result is great for portable use. There are 2 kit options available for this kit: a set of external hardware (Altoids tin enclosure, controls and connectors), and a second option that is just *too* exciting to bury in this email. Watch for another posting coming soon the lists describing the FB SOP Rx in detail, including this second option. (As a hint, this option is graciously enabled by Dave Benson, NN1G of Small Wonder Labs. We're sure everyone will be as excited as us!) BTW, the FB Rx is a Joe Everhart N2CX-designed kit. Joe is our club technical guru and he dubbed it SOP for "Seat of the Pants" design. You'll love it. We will be taking orders with the formal announcement in the next week or so.

4) Fireball Tx VFO

This separate VFO pcb plugs into the FB40 transmitter pcb in place of the fixed oscillator can. It is also in the initial prototype testing stage and will be introduced in December. Long-time technical reference for the Jersey QRPers Clark Fishman WA2UUN designed this VFO as a way to greatly extend the frequency range of the FB40 transmitter kit, thus providing much greater flexibility for the simple transmitter. Pricing isn't yet established, but you can be assured that it's reasonably positioned for all QRPers to take advantage of. And as with all of our Jersey QRP projects, you can expect an exciting option to go along with this kit.

There's lots more project-related news happening with the NJ QRP gang ... like our QRP name badge offer and the new quarterly publication called "QRP Homebrewer" coming out in October ... but that'll be another posting :-)

For information about current Jersey QRP-sponsored kits and activities, please visit our website: <http://www.njqrp.org>

Thanks & 72,

--George Heron, N2APB

n2apb@amsat.org in Baltimore, MD

for the NJ-QRP Club at <http://www.njqrp.org>

Date: Tue, 28 Sep 1999 20:10:59 -0700

From: Phil Wheeler <w7ox@mindspring.com>
To: k7qo@hotmail.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [51599] Re: Yet another day of mW QSOs
Message-ID: <37F18343.5BE72EBF@mindspring.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Chuck,

I take it from another msg that you did this with the DSW-20. If so, are you reducing power by simply reducing the DC supply voltage? If so, what voltage are you running to get 0.75 watts?

73, Phil W7OX

Date: Tue, 28 Sep 1999 23:15:53 -0400
From: hamjoel@juno.com
To: qrp-1@lehigh.edu
Subject: [51600] RE: Dat Buzzing in der ears
Message-ID: <19990928.231708.-326761.1.hamjoel@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

Hi y'all once moe:

U talk 'bout buzzing in de ears... U oughta try my cajun mama's cajun crawdad juice... now u gonna be buzzing, I tell u!

Evea listen to bees in a bee hive afta working lotsa cw? scary what dem gator teeth say as they come together... dem suckers call ... CQ SUPPER... AND THAT'S THE TRUTH YEA...

How bout goin down a gravel road after wrking a corn test.... even mobile cw! Eva decipher some cajun blowing on his car horn? makes my cajun mama blush, show nuff.

SURE Mess up a romantic sunset when u hear the water talk to u in cw.... and ur girl friend start laughing cause she kneauxs u is lost in the code...

NOW my uncle harry him he used to copy all his cw down on paper, good habit... well he got the high blood pressure u kneaux.... and I guess he get to buzzing on account of the blood pressure going cloud high... soo he start writing what he hear in his head on de paper....

The qso went bout like this.... sos, sos, dis is ur heart calling , U betta sit down an be quiet or u gonna qrt, u old cajun u..... good thing uncle harry could copy code... u neva kneaux when it will come in handy.... ever since dat day uncle harry went qrp instead of qrt... sure

made my cajun grandma happy...

dat's not qrp on the radio but qrp on the sauce and stuffs....

well gotta go now, dumb gator eaten on my ground wire outside....

Joel KE1LA

In Maine

listening to my cajun mama buzzing 'bout the house

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Date: Tue, 28 Sep 1999 23:27:23 -0400 (EDT)

From: Joel Malman <malman@world.std.com>

To: qrp-l@Lehigh.EDU

Cc: k1qm@world.std.com

Subject: [51601] Pre-FOX Fest !!

Message-ID: <199909290327.XAA25774@world.std.com>

MIME-Version: 1.0

Content-Type: text/plain; charset=US-ASCII

Content-Transfer-Encoding: 7bit

PRE-FOX QRP Fest

=====

QRP-L folks: This is a reminder that there will be a Pre-Fox QRP fest at 0000-0400Z, 6 Oct 99 [TUESDAY, 5 Oct 99 in the USA]. This will be a great way to check out your new rig and/or antenna. There are no logs to file or mail in. Everyone works everyone. We are doing this for the pure fun of working other QRP stations. There will be no awards or posted scores... Hey, this is for testing and the fun of QRP operating.

Call: CQ FOX

Power: 5 watts max, QRPP stations are VERY welcome in the QRP fest

Mode: CW

Exch: CALL / RST / SPC / NAME / QRP-L-NUM (or PWR)

Time: 0000-0400Z, 6 Oct 99 [TUESDAY, 5 Oct 99 in the USA]

Freq: Standard QRP calling: 7040, 14060, 21060, 28060 +/- QRM

Please do not QRM a QSO in progress. Again, this is a QRP test session for all the QRP-L Fox hunters. Lets have some fun. And please give 10m a try.

--

/joel K1QM (Ex-wa1qvm) Concord, Massachusetts

QRP-L 337, QRP-ARCI 9305, MI-QRP 1641, NorCal #1884

Date: Wed, 29 Sep 1999 00:00:39 EDT
From: charles k brown <n4so@juno.com>
To: qrp-1@lehigh.edu
Subject: [51602] Step Attenuator from Ten-Tec
Message-ID: <19990929.035837.2455.5.n4so@juno.com>

This reduces the power in six steps that are
switch selected, calibrated from 5 watts to 10 mW.
Model 290 from Ten-Tec

EL2WW Liberia, 14.021 at 0241Z 5 watts and NC-20
QSL ON5NT

Ken Brown N4SO
Mobile, AL/EM50tk
NorCal-20/5 watts/4 ele. beam

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Date: Tue, 28 Sep 1999 23:01:41 EDT
From: PDouglas12@aol.com
To: k7qo@hotmail.com, qrp-1@lehigh.edu
Subject: [51603] Re: NorCal Paddles and Pacificon
Message-ID: <9c422768.2522db15@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

Well, Gang,

It isn't often I disagree with my pal Chuck. But y'know, I think taking a good set of Norcal Paddles into the field is sinful. They're too good for that. I have a decent, but not perfect finish on mine, but they look fine. The more important thing is that I have the bearings dead on, and with them that way, these paddles are the best in my shack. They're what I key the K2 with, and they are the berries. So, Chuck, I think you should leave the Norcal paddles home and take those half a kilobuck paddles into the woods instead!

72 and keep smiling guys,

Preston WJ2V

Date: Wed, 29 Sep 1999 00:49:01 -0400
From: Russ Hines <radioruss@fuse.net>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [51604] Re: 15m Homebrew
Message-ID: <37F19A3D.9B0EF72B@fuse.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

BTW, those articles were from CQ magazine.

Ed Kessler wrote:

>
>
> Sept. 1990, Page 43 - "Build A QRP Transceiver For 15M CW" by Rick
> Littlefield, K1BQT
>
> November, 1995, Page 11 - "How To Build A QRP Transceiver For The Novice
> 15
> Meter Band" by Mac Chapman, KI6BP
>

Date: Tue, 28 Sep 1999 21:54:25 -0700 (PDT)
From: Christian Void <cvoid@netcom.com>
To: qrp-1@lehigh.edu
Subject: [51605] antenna wierdness...
Message-ID: <Pine.3.89.9909282140.A13511-01000000@netcom11.netcom.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

this is qrp related because i discovered this after firing up my pixie... :)

anyways, just ran in to a rather bizarre problem, i am sure someone here has experienced/can explain/can enlightenment in regards to, etc. had my kenwood ts-940 on 6.175 listening to the bbc, alls well, sounds good, whatnot, nice and strong. i turn the volume down as i get a phone call. i leave the rig on, with the volume down...

antenna on the roof is a multiband dipole for 40-20-15-10m... it's not up too high above the roof, maybe 6ft or so. roof is up about 60-65ft.

about an hour later i realize it is 0400Z and i need to attempt to work ed, we6w, using my 150mW pixie on 7.040... so i flip the coax switch over to the qrp chain, fire up the pixie, tune up with the zm-2 and everything seems normal until i start to pay attention. the band is NEVER this quiet, even when it is dead... so i start fiddling around, switching the ts-940 back inline, still nothing. unconnect the feedline, hook up the rf-1, check everything out, seems ok... when i reconnect the feedline i notice that if i don't let the shield make contact, only the center conductor, walla, i get signal. but as soon as a screw down the connector, nada. nothing was changed. ack. i don't feel like going on the roof at midnight, which my neighbors would frown upon (apartment)... i'll go check that out in the morning.

and with the shield connected i can't even get a hint of the bone crushing broadcast station a few miles away.

(the coax switch is good by the way, checked that first)

ack.

Date: Tue, 28 Sep 1999 22:18:16 -0700
From: Russ Dow <n7dw@garlic.com>
To: n4so@juno.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [51606] Re: FAR Circuits
Message-ID: <37F1A118.3548A8C5@garlic.com>
MIME-Version: 1.0
Content-Type: text/html; charset=us-ascii
Content-Transfer-Encoding: 7bit

<HTML>

Hi Ken and the gang,

<P>There is a typo in the address for Far Circuits. Try http://www.cl.ais.net/farcir/

<P>Also, KI7MN has moved to http://www.extremezone.com/~ki7mn/

<P>Enjoy,

Russ N7DW

<P>charles k brown wrote:

<BLOCKQUOTE TYPE=CITE>

<P>Try http://www.cl/ais/net/farcir</BLOCKQUOTE>

<BLOCKQUOTE TYPE=CITE>There is also a pointer to them on ki7mn's page

(http://www.dancris.com/~ki7mn)

 </BLOCKQUOTE>
 </HTML>

Date: Wed, 29 Sep 1999 13:24:31 +0800
From: "Sly (9M8SL)" <cqsly@tm.net.my>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [51607] Fox 1000 Apologies, Wrong date...
Message-ID: <19990929052431.HFCX573@User>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Hi Gang,

UPDATE & 1000 APOLOGIES>>>

Sorry for the wrong date in my earlier QRP AFIELD posting. It should be on this coming Saturday, 2nd of October 1999 instead of the 25th September, 1999. My mistake...

See Ya Ole then....
72 de Sly, 9M8SL

Date: Wed, 29 Sep 1999 01:51:23 -0400 (EDT)
From: Bob Patten <n4bp@bc.seflin.org>
To: K2UD@aol.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [51608] Re: That buzzing in my ears [Was Re:Ragchewing]
Message-ID: <Pine.3.89.9909290131.A5562-01000000@bc.seflin.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Tue, 28 Sep 1999 K2UD@aol.com wrote:

>

> Don't forget the toaster and the water faucet. I've heard CW coming out of
> those after Field Day. What other devices, guys?

>

Sorry for being repetitive, I did post this quite a while ago.
My toilet actually has sent CW that was easily copyable. My transmitter
was keying the lawn sprinklers on and off. The sudden drop and return of
water pressure somehow jarred the flapper valve which would oscillate at
a pretty much normal sidetone frequency...

73,

Bob Patten, N4BP ' ' ' ' , (0 0) Plantation, FL
-----o00o-()-o00-----

E-Mail: n4bp@bc.seflin.org
Web Page: <http://wg104a.wh.uni-stuttgart.de/~n4bp>
Brass Pounder BBS: (954) 472-7715

Date: Wed, 29 Sep 1999 15:52:35 +1000
From: "Ian C. Purdie VK2TIP" <ianpurdie@integritynet.com.au>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [51609] Off topic posts
Message-ID: <37F1A923.20B8FC44@integritynet.com.au>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Ladies and Gentlemen,

I have been politely asked to:

> please refrain from forwarding jokes and other off topic material to the
> list - even with an "OT" disclaimer.

I will of course comply with this request.

Thanks to all

Ian Purdie
VK2TIP "I'll give you the TIP mate"
QRP-L member #1978.
URL - <http://www.integritynet.com.au/~purdic/>
URL - <http://www.qsl.net/vk2tip/>

Date: Tue, 28 Sep 1999 23:09:30 -0700
From: Thomas Upton <stjohn@ocsnet.net>
To: qrp-1@Lehigh.EDU
Subject: [51610] Re: Ragchewing
Message-ID: <37F1AD19.1B3CC7E9@ocsnet.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I am probably a little late on this thread, because I get the digest -- but cw ragchewing is just what I like!

I hide around the novice band on 40, and send at the speed that some of the new guys and gals are using, but usually go farnsworth with the characters at 18 to 20, and the spacing nice and long. The essentials get out of the way, and then I try to let a rag be chewed.

There's nothing else like it, guys and gals.

And, as a guy who earns his living with his voice -- I'm one of the ministers on this list -- the pace of cw is sweet.

Keep on ragchewing, and count me in on the total.

Tom Upton
AD6N Porterville CA 36 N at 119 W.

Date: Tue, 28 Sep 1999 23:14:48 -0700
From: Russ Dow <n7dw@garlic.com>
To: PDouglas12@aol.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [51611] Re: NorCal Paddles and Pacificon
Message-ID: <37F1AE58.4E7E63D8@garlic.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi to the list,

To each his own opinion. I think *most* paddles and keys are meant to be used.

My Schurr Portabel-Wabbler goes portable and mobile (in a diesel pickup), and it has accumulated a few cosmetic modifications. But that little puppy is a pleasure to use in the shack or on the road.

73,
Russ N7DW

PDouglas12@aol.com wrote:

> Well, Gang,
>
> It isn't often I disagree with my pal Chuck. But y'know, I think taking a
> good set of Norcal Paddles into the field is sinful....

> So, Chuck, I think you should leave the
> Norcal paddles home and take those half a kilobuck paddles into the woods
> instead!

Date: Tue, 28 Sep 1999 23:41:56 -0700
From: Doug Hendricks <ki6ds@dospalos.org>
To: "'qrp-1@lehigh.edu'" <qrp-1@lehigh.edu>
Subject: [51612] KI6DS adds 3 states to Ribbon Cable Dipole and works K7QO
Message-ID: <01BF0A0B.121A6160@dialup-06.dospalos.org>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: quoted-printable

Good night on the NC20 and the Ribbon Cable Dipole. Was about 5 or 10 = minutes late getting on the air but found Chuck in Qso right away. Did = not catch the other call, but sent KI6DS during a break, as I did not = want to miss him with a propagation change. Chuck had the other station = wait (found out later it was K1MG) sorry Mike. But got a 599 rst from = Chuck, he was 579, and then said 72 as I did not want to interrupt their = qso too much. =20

Chuck Adams can send smooth cw!! He is a joy to work. Sends back = exactly the same speed that you send to him. Every character is = flawless, spacing is perfect. Always a pleasure to work him, and now = that he is just over the hills so to speak, will see a lot more of him I = hope. Thanks for the qso, and apologies to Mike Gipe for the = interruption in their qso.

Then I worked K1GDH, Ed in Webster, MA, a new state for the Ribbon Cable =

Dipole. Ed and I had a nice qso, but qsb got us. Then, I called CQ = some more and an old friend from Hawaii, Dean Manley, KH6B gave me a = call. Dean had a nice signal using his Sierra at 2 Watts and a vertical = from the islands. Rather nice for a KH6 to call you! (you have to = remember that I started my ham career in Kansas, and KH6's never call = Kansas). Second new state of the night.

Next it was WA9PWP and Paul in Wisconsin was really rough copy, we = exchanged Fists numbers, rst's and qth's and that was it. Qsb again. = But another new state in the log. Paul you were the victim of some = serious qsb, but thanks for pulling me through. Missed what rig you = were using, but would bet that you were qrp, grin. =20

Wow, 4 qso's in about an hour of operating, 3 new states, and I worked 3 = members of the list. It doesn't get any better than this. Guys, I am = using the NC20 at 5 watts, and calling CQ. Getting plenty of action. = The antenna is a dipole up 30 feet cut for 20 meters, made out of ribbon = cable, using a ZM-2 tuner, and ribbon cable for feedline. No one has = made a comment yet about any chirp. But, I have the right regulator in = my rig too!! The goal is to make 100 contacts with this antenna, and = then try another.

If you live in an apartment and have any type of balcony or access to = the yard, the SD20 is a perfect stealth antenna support. Wait until = dark, slip outside and set up the pole and the antenna, and slip back in = the house to operate. It only takes about 3 or 4 minutes to put up the = dipole, and it comes down even faster. It works really well for as = simple an antenna as it is.

By the way, I talked to Dave Fifield on the phone tonight, and he is = definitely going to do a 15 M RHR. If it is anything like the NC20, = I'll be in line. He is also trying to have the RHR40 ready for delivery = at Pacificon. I have already ordered mine. It will be a fox killer for = sure. =20

I won't be on tomorrow night (Weds.) as I have to drive over to San Jose = and pick up some toroids (50,000) of them from Dave Fifield, plus hope = to meet Dave Maliniak from the NJ Club who is out here this week and = will be attending the NorCal meeting this weekend.

72, Doug, KI6DS

Date: Wed, 29 Sep 1999 02:46:01 -0700
From: "Dave Fifield" <fifield@pacbell.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Subject: [51613] Tuna Tin 2 + MRX-40 Mods
Message-ID: <00b001bf0a5f\$70fa83a0\$0100a8c0@pacbell.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I'm up playing with the TT2/MRX combination when I should be sleeping! I guess I'm hooked!!

I can report that I have made several mods to the TT2 and MRX that now result in a really nice usable rig. It has the following specifications:

- 550mW+ of clean sine wave output into 500hms
- TX frequency variable from 7040.55 to 7042.03KHz
 - varicap tuned (1.48KHz range)
- TX output envelope wave shaped
- Very little TX chirp (still a tiny bit, but I'm working on it!)
- RX tunes 7038.47 to 7042.72KHz (4.25KHz range)
- RX can hear -120dBm signals
- Full electronic QSK
 - No relays, no switches
 - No thump!!!
 - Real sidetone (clean sine wave)

I will make the schematic and a description of the mods available by the weekend sometime. The stuff will appear on my website at <http://www.redhotradio.com>. I'll put a link to it from the front page.

72, Dave Fifield, AD6A

Date: Wed, 29 Sep 1999 04:55:40 -0600
From: "Steve/n0tu" <n0tu@webaccess.net>
To: "QRP-L" <QRP-L@lehigh.edu>, <cvoid@netcom.com>
Subject: [51614] Re: antenna wierdness...
Message-ID: <009401bf0a69\$31158140\$78a8a3cc@S&P.www.webaccess.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Check the connector, ZM-2 or connecting coax for a short. Steve/n0tu

>-----Original Message-----

>this is qrp related because i discovered this after firing up my
pixie... :)
>seems normal until i start to pay attention. the band is NEVER this
>quiet, even when it is dead... so i start fiddling around, switching
the
>ts-940 back inline, still nothing. unconnect the feedline, hook up
the
>rf-1, check everything out, seems ok... when i reconnect the feedline
i
>notice that if i don't let the shield make contact, only the center
>conductor, walla, i get signal. but as soon as a screw down the
>connector, nada. nothing was changed. ack. i don't feel like going on
the
>roof at midnight, which my neighbors would frown upon (apartment)...
i'll
>go check that out in the morning.
>
>and with the shield connected i can't even get a hint of the bone
>crushing broadcast station a few miles away.
>
>(the coax switch is good by the way, checked that first)
>
>ack.
>

From: Christian Void <cvoid@netcom.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Date: Tuesday, September 28, 1999 10:59 PM
Subject: antenna wierdness...

Date: Wed, 29 Sep 1999 06:08:13 -0600
From: Jess Gypin <jessqrp@earthlink.net>
To: qrp-l@lehigh.edu
Subject: [51615] Palm Pilot Ham programs
Message-ID: <3.0.3.32.19990929060813.0069652c@mail.earthlink.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Can someone please repost the URL for the site with the Palm programs? I have misplaced it!

Thanks!

Jess AE0CW

Date: Wed, 29 Sep 1999 06:18:16 -0600
From: Jess Gypin <jessqrp@earthlink.net>
To: qrp-1@lehigh.edu
Subject: [51616] Palm Ham programs
Message-ID: <3.0.3.32.19990929061816.0069896c@mail.earthlink.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Thanks to all that helped, I have the URL for the Palm programs now!

Jess

Date: Wed, 29 Sep 1999 18:54:51 +0700
From: "Donny" <dsirait@centrin.net.id>
To: "Low power amateur radio discussion" <qrp-1@Lehigh.EDU>
Subject: [51617] Signal strength report without S meters
Message-ID: <199909291236.TAA19623@smtp.centrin.net.id>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

Hi folks,
I am just wondering how you folks give
a signal report without an "S" meter on
most of those tiny qrp rigs.
Does any body has ever made a comparison
on the ear S repots with the meter?
Well you can say it is comparing apples to
oranges since were using different radios
but what I want to know is just a feeling
of the real signal strength and the ability to
give an honest report.
Thanks for the help
de Donny YB6LD/1qrp-1 # 2004

Date: Wed, 29 Sep 1999 09:01:05 -0400 (EDT)
From: "Paul R. Valko" <prvalko@oakland.edu>
To: Donny <dsirait@centrin.net.id>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [51618] REPOST HUMOR Re: Signal strength report without S meters
Message-ID: <Pine.OSF.3.95.990929084706.15909D-1000000@saturn1.acs.oakland.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Wed, 29 Sep 1999, Donny wrote:

> I am just wondering how you folks give
> a signal report without an "S" meter on
> most of those tiny qrp rigs.

One of my pet peeves is that hams have the mistaken belief that the "S"
Meter is used to give the "S" in a signal report.

I came up with the following several years ago and always repost it
whenever this question pops up on QRP-L. Which is about twice a year.
You old timers can hit the delete key now, newbies, please read on...

RST - Readability Signal Tone

The readability scale runs from a high of 5 to a low of 1.

- 5 Perfectly readable, armchair copy, "That Alpha sure sounds
 good here, Herman."
- 4 Good readability, "I think I hear someone about 60db down
 Bernie, better click on the amp and clear the frequency."
- 3 Fair. This is really POOR, most non-QRP ops won't go through
 the effort to answer a CQ with an R 3 report.
- 2 Only used by county hunters when they can't hear each other.
 NetControl : "Did you copy your report?"
 CountyHunter : "uhhh... two by two?"
 NetControl : "Good contact!"
- 1 Nobody ever gives an "R" of one. Even ET would not have
 received a readability of 1, calling home with a broken
 umbrella as an antenna.

S - Signal ranges from a high of NINE to a low of ONE

- 9 Extremely strong, loudest signal on the band. "That Alpha sure doing the job here, Otto. OH! I'm lookin' out the window here and I can see you mowed the lawn today." This is also the standard "contest" report, regardless.
- 8 Very strong - often given to the other op after you receive a report of nine.
- 7 Strong. This is actually the "normal" report for 100w stations, "five by seven." QRPers lose sleep dreaming about getting 579 reports.
- 6 Very Good. Very average. Very well move on to the next QSO.
- 5 Good. QRP Special. 55(9) To most ops, a signal of 5 means you are getting marginal, we QRPers are in heaven.
- 4 Fair - I've heard louder phase noise.
- 3 Fairly Weak. At this point, your signal is is getting clobbered by everyone else, still copyable, but sure to soon get the 'ol, "SRI OM FONE CALL VY 73"
- 2 Weak - See item #2 under readability
- 1 Let's not kid ourselves. When I get a 1, I know the other op is using the S meter to judge my signal. In the real world, an S of ONE is pretty much reserved for giving to your buddies during a contest as a gag.

Tone Ranges from a high of NINE to a low of ONE:

- 9 Perfect Tone - a perfect sine wave, crystal clear, like smooth mountain waters that go into every bottle of... whoops! Sorry about that folks!
- 8 Not Quite Perfect. Boatanchor ops give a tone of 8 to each other just to be different.
- 7 Not used since 1967
- 6 ditto
- 5 I think I see a pattern here...

- 4 Bad Tone. Typically only given to any Cuban station.
- 3 Never used
- 2 Nope
- 1 Ok, what are you keying? The AC mains?

There. Now, another special from ol' ZjL. Cut this out and paste in next to your DXCC or Grid Map sheet.

vy 73! =paul= wb8zjl <--- watch this space!

gosh who does that ZJL guy think he is?

73! =paul= W8KC
Collector of Ten*Tecs and other fine plastics
<<http://www.acs.oakland.edu/~prvalko>>

Date: Wed, 29 Sep 1999 06:02:34 -0700
From: Phil Wheeler <w7ox@mindspring.com>
To: dsirait@centrin.net.id
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [51619] Re: Signal strength report without S meters
Message-ID: <37F20DEA.BCAD61C8@mindspring.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Donny,

An interesting question, and broader .. since S meters seem to vary all over the map in how they read signal strength. I had one radio that NEVER showed more than S9 on any CW signal (except the ham a quarter of a mile away).

Most of my early radios (e.g., WWII Arc-5s) had no S meter. I've always gone by a qualitative judgement. Some signals are clearly 599; they blow me away. If there are some of those on the band, they form a reference of sorts. But it is subjective.

What I get a kick out of when I'm trolling the bands are reports like 399 (huh?). 529 *can* happen under good conditions, but 399?

And how many of us ever give anything but an XY9 to the guys with chirp or buzz on their signals? Fortunately there are few of those these days.

And then there are the contests where all reports seem to be 599 (convenient with a memory keyer).

Lots of issues, no real "answers" (from me).

73, Phil

Date: Wed, 29 Sep 1999 06:05:46 -0700
From: Dave Barrett <DBarrett@creo.com>
To: "'QRP-L'" <qrp-l@Lehigh.EDU>
Subject: [51620] Wanted: Diagram for simple 2Mtr P/A (O/T)
Message-ID: <CE0A40BFE0CDD111A2B800A0C99B83EB01313C8F@msgcreo2.creo.bc.ca>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

Hi All

Sorry for the off topic request but I need urgently a diagram or directions to same for a minimalist 2 mtr amplifier, I have an older handheld running as a tracker transmitter in my van and our Vancouver APRS group have moved the local Digipeater to a new mountain with seemingly reduced coverage. The old 1 watt simply doesn't cut it anymore so I need 5 or preferably 10 watts.....any idea's??

Thanks in advance gang.

Dave VE7PCC Vancouver BC Canada

Date: Wed, 29 Sep 1999 06:05:08 -0700
From: Phil Wheeler <w7ox@mindspring.com>
To: prvalko@oakland.edu
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [51621] Re: REPOST HUMOR Re: Signal strength report without S meters
Message-ID: <37F20E84.ABD13503@mindspring.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Delete, Paul?

This one is a saver!

Phil

Date: Wed, 29 Sep 1999 09:29:43 -0400
From: "ai2q" <ai2q@ispchannel.com>
To: "Low Power Amateur Radio Discussion (E-mail)" <qrp-1@Lehigh.EDU>
Subject: [51622] ...Speaking of Buzzing
Message-ID: <000101bf0a7e\$b1435440\$5c32a7d0@ai2q.ispchannel.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Speaking of buzzing, has anyone else heard the S-9+ buzzsaw QRM on the low end of 80 meters in the evenings?

My beam shows it coming from the NW. Whatever it is, it makes 50 to 60 kHz of the band totally useless.

Any thoughts on this signal that's driving many 80 meter ops nuts?

Vy 73, AI2Q

Date: Wed, 29 Sep 1999 06:44:20 -0700
From: Phil Wheeler <w7ox@mindspring.com>
To: ai2q@ispchannel.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [51623] Re: ...Speaking of Buzzing
Message-ID: <37F217B4.F370756B@mindspring.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Have not heard it (not on 80 these days; saving it for the low part of the cycle); but I am impressed that you have an 80 meter beam! What is it?

Phil W70X

Date: Wed, 29 Sep 1999 06:47:44 -0700 (PDT)
From: Christian Void <cvoid@netcom.com>
To: qrp-l@lehigh.edu
Subject: [51624] Re: antenna wierdness...
Message-ID: <Pine.3.89.9909290614.A10409-01000000@netcom4.netcom.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Wed, 29 Sep 1999, Steve/n0tu wrote:

> Check the connector, ZM-2 or connecting coax for a short. Steve/n0tu

(and many similar responses)

forgot to mention that this is what i thought as well, and it doesn't appear to be a short either. i am going to go on the roof as soon as i get a chance and check up there as well. didn't notice anything wierd going on, but who knows. i'm just not looking forward to peeling of the sealer. hi hi. :)

i'll see what happens on the roof.

Date: Wed, 29 Sep 1999 09:52:39 +0000
From: Michael Neverdosky <mneverdosky@earthlink.net>
To: qrp-l mailing list <qrp-l@Lehigh.edu>
Subject: [51625] Re: Signal strength report without S meters
Message-ID: <37F1D357.A961F804@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

> Donny,

> What I get a kick out of when I'm trolling the bands are reports like
> 399 (huh?). 529 *can* happen under good conditions, but 399?

I think you should take a trip to one of the polar regions.
When I was in Antarctica it was fairly common to have signals of 30 or 40 over S9 and the signal would be unreadable due to multipath distortion and fast fading.

Other times the signals would be just above the noise and be perfectly readable.

michael N6CHV

Date: Wed, 29 Sep 1999 09:55:48 +0000
From: Michael Neverdosky <mneverdosky@earthlink.net>
To: qrp-l mailing list <qrp-l@Lehigh.edu>
Subject: [51626] Re: antenna wierdness...
Message-ID: <37F1D414.814CB87B@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I see this kind of response when the feedline is shorted OR the antenna is seriously out of tune. So far out of tune that it is more of a filter than an antenna.

michael N6CHV

Christian Void wrote:

>
> On Wed, 29 Sep 1999, Steve/n0tu wrote:
>
> > Check the connector, ZM-2 or connecting coax for a short. Steve/n0tu
>
> (and many similar responses)
>
> forgot to mention that this is what i thought as well, and it doesn't
> appear to be a short either. i am going to go on the roof as soon as i
> get a chance and check up there as well. didn't notice anything wierd
> going on, but who knows. i'm just not looking forward to peeling of the
> sealer. hi hi. :)
>
> i'll see what happens on the roof.

Date: Wed, 29 Sep 1999 09:59:52 EDT
From: Drbob92031@aol.com
To: qrp-l@lehigh.edu
Subject: [51627] Re: Signal strength report without S meters
Message-ID: <2fb2c4a0.25237558@aol.com>
MIME-Version: 1.0

Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

Hi Donny;

In response to you query regarding "signal strength report without an S meter" Untill a standardization is established It would be impossible to produce meaningful signal reports without an S meter because the reports would all be subjective. Even with "S" meters; unless all the meters are standardized and regularly evaluated against a standard any "S" meter report is also open to question.

I like to imagine that there are two (2) aspects to this reporting of signal strength that should be considered.

1. Do you (we) want a report that will be a difinitive evaluation of the reported signal. ie: You weight 100 pounds. We all know what a pound is and what comprises it. It is standardized in the U.S.A. (We go metric in Europe and S.A.) But if you are 6' tall, the 100 pounds creates a particular image. The 250 pound 6' 9" basketball player is well proportioned. Consider the 250 pound tackle on a foot ball line. He looks out of proportion. But each is in superb physical condition for the job at hand!!!!

2. I am creating a mental image by the use of words. I am communicating.!!! The same can be said for signal strength reports without an "S" meter. how well are you communicating? After all that is the essence of the hobby. Communicating by CW or by voice. A purist may want to know his/her signal strength but until a standard is brought forth and it is capable of maintainance as a "benchmark" all the reporting is how the signal is received and perceived, which is all subjective.

I hope this signal is well reveived.
I have precented my \$0.02 worth.
72/73...de WA2EAW...Bob

Date: Wed, 29 Sep 1999 09:13:26 -0500
From: Guy Dragoo <GDRAG@proedge.com>
To: "'Low Power Amateur Radio Discussion'" <qrp-l@Lehigh.EDU>
Subject: [51628] Transistor Cross
Message-ID: <B13A99FB1E2FD311816D00805FBB10B66C1A@www.premiumware.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

I had a power supply failure (slightly user induced...the ole wandering

screwdriver :-). Does anyone know the cross to a National Semi 9230
SWC5033

It appears to be a power transistor (NPN?) in a 220 package style that
attaches to a finned heatsink (with no insulator). My follow on is where
can I get this puppy.

Thanks to the list and 73

Guy AC5HL

Date: Wed, 29 Sep 1999 07:22:53 -0700
From: Phil Wheeler <w7ox@mindspring.com>
To: mneverdosky@earthlink.net
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [51629] Re: Signal strength report without S meters
Message-ID: <37F220BD.7985DBE3@mindspring.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Michael Neverdosky wrote:

>

> I think you should take a trip to one of the polar regions.

Brrr .. no thanks!

> When I was in Antarctica it was fairly common to have signals of 30 or
> 40 over S9 and the signal would be unreadable due to multipath
> distortion
> and fast fading.
>

Thanks for that info, Michael; I stand corrected and duly so.

73, Phil

Date: Wed, 29 Sep 1999 07:34:55 -0700 (PDT)
From: Monte Stark <ku7y@dri.edu>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [51630] Re: Signal strength report without S meters
Message-ID: <Pine.GS0.4.10.9909290733110.21233-100000@rotor.dri.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

> > 399 (huh?). 529 *can* happen under good conditions, but 399?
>

> When I was in Antarctica it was fairly common to have signals of 30 or
> 40 over S9 and the signal would be unreadable due to multipath
> distortion and fast fading.
>
> Other times the signals would be just above the noise and be perfectly
> readable.

And lets not forget local QRM/QRN. Have had that happen many times!

cul,

73, Ron, SOWP 5545M,

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....
....ku7y@sage.dri.edu.....Washoe Lake, Nevada....
....QRP-L #17...ARS #49...NorCal #330.....NRA LIFE.....

Date: Wed, 29 Sep 1999 10:39:28 EDT
From: charles k brown <n4so@juno.com>
To: qrp-l@lehigh.edu
Subject: [51631] Penetrox Conductive Grease
Message-ID: <19990929.143657.10215.4.n4so@juno.com>

A thin layer of conductive grease is used on aluminum elements where the joints fit together.

Bencher, Inc. is one source (they sell the C-3 Skyhawk tri-bander beam antenna)

From: Bencher Inc <bencher@ameritech.net>

Date: Wed, 29 Sep 1999 07:24:52 -0500

Subject: Re: Conductive grease

290-00 BUTTER-IT'S-NOT 1 OZ \$4.00

Shipping/handling additional. Master Card and Visa accepted.

--

Michael

Bencher, Inc.
831 N Central Ave
Wood Dale IL 60191-1219

Tel: 1 630 238 1183

Fax: 1 630 238 1186

e-mail: bencher@bencher.com

url: <http://www.bencher.com>

Ken Brown N4S0

Mobile, AL/EM50tk

NorCal-20/5 watts/4 ele. beam

Get the Internet just the way you want it.

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Date: Wed, 29 Sep 1999 07:49:21 -0700 (PDT)

From: Monte Stark <ku7y@dri.edu>

To: Donny <dsirait@centrin.net.id>

Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>

Subject: [51632] Re: Signal strength report without S meters

Message-ID: <Pine.GS0.4.10.9909290737430.21233-1000000@rotor.dri.edu>

MIME-Version: 1.0

Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi Donny,

It takes time to get the "feel" for giving signal strength reports without using an S meter but it becomes almost second nature.

Any ARRL handbook has an RST System chart.

This system was there long before S meters were around!

Lets look at the 399 report that was mentioned earlier.

The R of 3 = Readable with considerable difficulty. This says that you copy 100% but that you are having a hard time doing it.

The S of 9 = Extremely strong signal. With enough time using your rig with your antenna you will hear "extremely strong" signals and come to reconize them.

You will also get a feel for the weaker signals and you will know what you feel is a S 4 = Fair signal.

Same goes for the tone.

Is it subjective? Sure. But that doesn't make it bad!

It's just a judgement call that we each make. What's funny is that in a room full of people the reports that would be given out to the same station will be quite close!

cul,

73, Ron, SOWP 5545M,

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....
....ku7y@sage.dri.edu.....Washoe Lake, Nevada....
....QRP-L #17...ARS #49...NorCal #330.....NRA LIFE.....

Date: Wed, 29 Sep 1999 10:51:36 -0400
From: "ai2q" <ai2q@ispchannel.com>
To: <w7ox@mindspring.com>
Cc: "'Low Power Amateur Radio Discussion'" <qrp-l@Lehigh.EDU>
Subject: [51633] RE: ...Speaking of Buzzing
Message-ID: <000901bf0a8a\$22148d00\$5c32a7d0@ai2q.ispchannel.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi Phil:

My 80 meter beam consists of two full-sized quarter wave verticals made of tubing at the bottom (20 feet of old trap vertical material) and wire above that, spaced a quarter wavelength apart and fed with coax. Each one sits over 3,000 feet of wire buried in the ground (bare wire) and laid on top of the ground in the turf (insulated wire). The wires are suspended by bungees from the trees.

The two verticals are fed through an L-network to achieve the appropriate amount of phase shift to create a cardioid pattern.

Two relays are used. They're fed by a DPDT switch that can reverse the polarity of the DC applied to them. Steering diodes at the relays let me

actuate them so the pattern can be pointed east or west, or both verticals can be run in parallel for a broadside pattern.

I use an old general Radio 1606 impedance bridge and a AN/URM-25 signal generator to excite the bridge when making impedance measurements. I use a Sony ICF-7600D pocket receiver as a detector. It would be easier to have an Autek or MFJ all-in-one instrument, but I use what I have. I also have a homemade antenna resistance bridge that I excite with a grid-dip oscillator.

In practice, it's impossible to achieve out-of-phase current and voltage distribution to get theoretical patterns. However, the results are still pretty good. I can see an 18 dB front-to-back ratio, which makes the antenna very useful for eliminating QRM. It's really a gas!

BTW: I made a mistake in my original posting. The buzzsaw noise is coming out of the NE, not the NW. Other ops on the local packet cluster here in New England have observed the same thing.

Vy 73, AI2Q, Alex in Kennebunk, Maine, QRP-L # 687. .-.-.

-----Original Message-----

From: Phil Wheeler [mailto:w7ox@mindspring.com]

Sent: Wednesday, September 29, 1999 9:44 AM

To: ai2q@ispchannel.com

Cc: Low Power Amateur Radio Discussion

Subject: Re: ...Speaking of Buzzing

Have not heard it (not on 80 these days; saving it for the low part of the cycle); but I am impressed that you have an 80 meter beam! What is it?

Phil W7OX

Date: Wed, 29 Sep 1999 15:00:20 +0100

From: "Steve Sorrell" <ap036@detroit.freenet.org>

To: <Drbob92031@aol.com>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: [51634] Re: Signal strength report without S meters

Message-ID: <017601bf0a82\$f88ed640\$e642b3c7@sorrells>

MIME-Version: 1.0

Content-Type: text/plain;

charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

Of course its subjective! And probably always will be until there is a meter to calibrate ALL the S meters out there. But then, who is gonna calibrate all the calibraters and on and on. Then what are we gonna do about NC20's and such without S meters?

I for one put absolutely NO significance to whatever the report I get from another station because I KNOW it is subjective. Its only useful purpose is to acknowledge that some one is heard and that they were understood in some fashion.

Thats it! No standardization, you have to make up your OWN mind. But then, maybe MFJ will come up with an S meter calibrator and a calibrator for the calibraters. ;-)

de Steve, W8SFF (Your report is what I feel like at the time)

Date: Wed, 29 Sep 1999 10:07:53 -0500
From: Dave Sjolín <sjolin@swbell.net>
To: cvoid@netcom.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [51635] Re: antenna wierdness...
Message-ID: <37F22B49.F839EDC6@swbell.net>
MIME-version: 1.0
Content-type: text/plain; charset=us-ascii
Content-transfer-encoding: 7bit

Christian Void wrote:

> (the coax switch is good by the way, checked that first)

I am highly suspicious of your coax switch since you did use it right when the trouble started. Not likely that your antenna turned into dummy load that quickly. I have worked DX with wire antennaas that had fallen and were laying on my roof, so I doubt the quiet receive is due to the antenna itself.

Check the coax switch again. Mine will get flakey now and then and I will have to switch it back and forth harshly several times before it will finally make clean contact. If you here no difference after switching rapidly back and forth several times, take the switch out of the circuit completely and see what happens. My bet is the switch unless your wire is broke right at the entry point to your shack.

Good luck and let us know what you found.

73 de Dave, N0IT

p.s. Make sure your ladder to roof is secure. I got stuck on roof of my

apartment building one holiday weekend for four hours when my ladder
blew over.

Date: Wed, 29 Sep 1999 08:23:44 -0700 (PDT)
From: Christian Void <cvoid@netcom.com>
To: Dave Sjolín <sjolin@swbell.net>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [51636] Re: antenna wierdness...
Message-ID: <Pine.3.89.9909290803.A13020-0100000@netcom13.netcom.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Wed, 29 Sep 1999, Dave Sjolín wrote:

> I am highly suspicious of your coax switch since you did use it right
> when the trouble started. Not likely that your antenna turned into dummy
> load that quickly. I have worked DX with wire antennaas that had fallen
> and were laying on my roof, so I doubt the quiet receive is due to the
> antenna itself.

i bybassed the coax switch altogether and had the same problem. i think i
have a short at the feedpoint up on the roof. hard to explain, but i
think the center insulator's mounting posts got pushed up against the
mast. can't tell exactly, as this was observed from 150ft away at ground
level. but i'll let you know what i find.

> Good luck and let us know what you found.

definatelly!

> p.s. Make sure your ladder to roof is secure. I got stuck on roof of my
> apartment building one holiday weekend for four hours when my ladder
> blew over.

hi hi!

Date: Wed, 29 Sep 1999 08:28:22 -0700
From: <aa5yx@juno.com>
To: <qrp-1@lehigh.edu>
Subject: [51637] SST/MRF-237? and QRPA
Message-ID: <199909291528.IAA06304@disp-005.pocketmail.com>

Hello,

I've seen various postings here on the list and elsewhere regarding the mod to the SST of replacing the stock PA transistor with an MRF-237. Could someone who's done the mod AND has a wattmeter tell me how much of an improvement in power out that this makes?

Thanks and 72,

PS

Pics but no text yet (I _do_ have plans for text if I ever get time!) of my QRP Afield operation from Stokes Forest at:

<http://www.qsl.net/aa5yx>

John Harper AA5YX/2

<http://home.att.net/~j..harper>

Date: Wed, 29 Sep 1999 11:29:04 -0400
From: David Hinerman <dlh1009@ritvax.isc.rit.edu>
To: qrp-l <qrp-l@lehigh.edu>
Subject: [51638] Re: Signal strength report without S meters
Message-ID: <37F23040.35F3B668@rit.edu>
MIME-version: 1.0
Content-type: text/plain; charset=us-ascii
Content-transfer-encoding: 7BIT

Steve Sorrell wrote:

> I for one put absolutely NO significance to whatever the report I get from
> another station because I KNOW it is subjective. Its only useful purpose is
> to acknowledge that some one is heard and that they were understood in some
> fashion.

Steve,

I've found that even the subjective measures have some value, although they have to be taken with a grain of salt sometimes. I'd be hard to convince that a 599 I got during a contest was accurate. The same goes with reports from various well-meaning friends who seem to be reluctant to give a critical report. (Maybe other hams would be offended to hear they're transmitting a bit of hum, but I want to know!) But these guys ARE helpful when I'm trying out a newly built piece of gear - I give it to one of them and ask him to call me with it. That way I can hear it for myself, and be as critical as I want. (Plus if it goes out-of-band, it's HIS call on the air, not mine!)

> Thats it! No standardization, you have to make up your OWN mind. But then,
> maybe MFJ will come up with an S meter calibrator and a calibrator for the
> calibrators. ;-)

Oh, not likely. Sure, we could calibrate all the S-meters in the world
to show S9 for a 50 microvolt signal from a 50 ohm antenna, but do these
things REALLY drop 1 unit for every 6 db down?

Dave

--

Dave Hinerman WD8CIV
Ontario, NY Grid FN13IF
dlh1009@rit.edu

Date: Wed, 29 Sep 1999 11:45:56 EDT
From: ARDUJENSKI@aol.com
To: qrp-1@lehigh.edu
Subject: [51639] SIG REPORT
Message-ID: <4688b643.25238e34@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

I may be missing something but last time I looked in the manual under the
definition of R-S-T For S it had items listed as:

S-9 EXTREMELY STRONG SIGNAL

S-8 STRONG SIGNAL

etc

S-1 FAINT SIGNAL BARELY PERCEPTABLE

I have not figured out when hams changed to using the S-meter value to equate
directly to the S value in the report. Yet I hear it all the time. Must be
the same book that says before calling CQ on CW you send QRL, but on SSB you
call QRZ. I hear both of these practices all the time 8-) Alan KB7MBI

Date: Wed, 29 Sep 1999 10:53:21 -0500
From: "George T. Baker" <w5yr@swbell.net>
To: ai2q@ispchannel.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [51640] Re: ...Speaking of Buzzing
Message-ID: <37F235F1.A7675111@swbell.net>
MIME-version: 1.0

Content-type: text/plain; charset=us-ascii
Content-transfer-encoding: 7bit

And another one just above 14,060

I read it at about 14.064 to 14,065 - seems to vary a little from day to day. The audio spectrum is always the same: three peaks spaced about 50 Hz or so apart.

Fortunately this is far enough up the band to not be all that much a problem, but it is annoying at best. I can't trace it to anything local or in the house/shack so I wonder if others are hearing it.

My QTH is given in the sig line.

72/73, George AMA 98452 R/C since 1964

Amateur Radio W5YR, in the 54th year and it just keeps getting better!
AutoPOWER Systems, Fairview, TX (30 mi NE Dallas) Collin County
QRP-L QRP-ARCI FISTS NORCAL ZOMBIE ARS 10-X 33.2 N 96.6 W EM13RE

ai2q wrote:

>

> Speaking of buzzing, has anyone else heard the S-9+ buzzsaw QRM on the low
> end of 80 meters in the evenings?

Date: Wed, 29 Sep 1999 12:01:45 -0400 (EDT)
From: Chris Cartwright Sr <ccart@phideaux.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [51641] Re: Signal strength report without S meters
Message-ID: <Pine.LNX.4.04.9909291121030.10183-100000@dns.phideaux.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Wed, 29 Sep 1999, Steve Sorrell wrote:

> I for one put absolutely NO significance to whatever the report I get from
> another station because I KNOW it is subjective. Its only useful purpose is

Well, I don't go quite that far:) If I get a 559 or better, I just operate. If I get a 339, I'm likely to repeat things before I'm asked, on a 229 I might triple it, and not expect a long ragchew. I don't use my RST to exactly gauge how I'm being recieved, but it lets me know if I'm strong, OK, or really weak. Sort of the small, medium, large approach to signal reports.

-- Chris Cartwright, Technical Engineer | ccart@phideaux.com --
-- N3XRV ARRL-VE Norcal Zombie #163 | Gaithersburg, MD FM19je --
-- MDmW #5 NJ-QRP #105 QRP-L #655 NORCAL #1891 FISTS #5028 QRP-ARCI #9271 --

Date: Wed, 29 Sep 1999 12:06:46 -0500
From: "Byron & Janie Tatum" <bjtatum@iwl.net>
To: <qrp-1@Lehigh.EDU>
Subject: [51642] Fw: Signetics Dual Gate MOSFETs
Message-ID: <021401bf0a9d\$050637a0\$53dfffcc@tatum-001>
MIME-Version: 1.0
Content-Type: text/plain;
charset="x-user-defined"
Content-Transfer-Encoding: 7bit

>Hello.Can anyone out there supply me with a data sheet on the Signetics
>SD301 and SD304 DG MOSFET? These are obsolete devices and I have had no
luck
>in obtaining data from the folks who bought out Signetics. I have seen a
144
>Mhz. preamp circuit using the SD301 in the RSGB books and a brief
discussion
>relating to it being an enhancement mode device and of the benefit of that
> max. gain and best noise figure coincide}.I would like to know about the
>SD304 how it compares.Evidently the SD301 was a more expensive device than
>some of its depletion mode relatives such as 40673, and had better VHF
>performance.Phil Cline has a good amount of the SD304's if anyone is
needing
>them,I know the DG MOSFET is becoming hard to find in the older
styles.Also,
>does anyone know of a good US retailer of small qty. sales of some of the
>Japanese {3SK-series} and European BF-series DG MOSFET devices?Thanks to
>all,Byron,WA5THJ.
>

Date: Wed, 29 Sep 1999 10:16:17 -0700

From: dave_epps@juno.com
To: qrp-l@lehigh.edu
Subject: [51643] Fw: RE: Ribbon-Line
Message-ID: <19990929.102001.-78835.0.Dave_epps@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

-

Dave, do me a favor and post this to qrp-l. The guys need to hear this from someone else. I think a lot of them don't believe me, but the thing works great. Thanks for the note. 72, Doug

I have been watching your reports on using computer ribbon line for antennas and feedlines.
I have been experimenting with the ribbon line about a year and it has performed far beyond my expectations.
For portable use with a ZM-2 I don't think it can be beat for weight. 2 100 ft. strands of 28 awg weigh 4 ounces.
Instead of using a center insulator I just put a knot there. I got the idea from an old hints & kinks mag.
I know it sounds crazy, but it works. I tie loop knots in the ends and support it with monofilament fishing line.
I have had 400 ft of ribbon line up without a center support with the lightweight ribbon feedline.
The 400 ft dipole was 100 ft long with 4 conductors in series. Like the old "rattlesnake dipoles". It was a fantastic receive antenna.
My next project is to pull on one end of the 2 conductor (or more) ribbon cable dipole with the antenna analyzer on the feedline and as the wires separate in the middle tune for resonance. I plan to call it "The Tug-N-Tune" dipole. A.k.a. "TNT" dipole.
I called the other dipoles "Rainbow Knot Ant." as I use multi-colored ribbon line.
Using 40 conductor ribbon cable you can make a SLX with "many" radials easily.

72 dave ab5pc morro bay, ca.

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Date: Wed, 29 Sep 1999 13:33:48 -0400
From: "Ed Tanton" <n4xy@att.net>
To: <GDRAG@proedge.com>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [51644] RE: Transistor Cross
Message-ID: <NBBBJDEEIFDDANGEGHLBIEFLHBAA.n4xy@att.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi Guy... that is almost certainly a "house number" on the transistor. What are the PS's parameters? And is that transistor the pass transistor? You can use almost anything of similar characteristics (e.g. TO-220 & NPN) to replace it, if so.

72 / 73 Ed N4XY email: <n4xy@arrl.net>

webpage: <http://www.qsl.net/n4xy/>

Date: Wed, 29 Sep 1999 10:49:45 -0700
From: william h ross <k6mgo@juno.com>
To: qrp-l@Lehigh.EDU
Subject: [51645] Fw: RE: Ribbon-Line
Message-ID: <19990929.104946.-173667.2.k6mgo@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

Can some one please tell me where do you get this cable, how much does it cost, etc..

Tnx es 73

Bill, K6MGO

Dave, do me a favor and post this to qrp-l. The guys need to hear this from someone else. I think a lot of them don't believe me, but the thing works great. Thanks for the note. 72, Doug

I have been watching your reports on using computer ribbon line for antennas and feedlines.
I have been experimenting with the ribbon line about a year and it has performed far beyond my expectations.
For portable use with a ZM-2 I don't think it can be beat for weight. 2 100 ft. strands of 28 awg weigh 4 ounces.
I

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Date: Wed, 29 Sep 1999 11:12:09 -0700
From: ki6ds@dpol.k12.ca.us (Hendricks, Doug)
To: <qrp-1@lehigh.edu>
Subject: [51646] Pacificon Compendium Progress
Message-ID: <01bf0aa6\$25f62340\$630a0d0a@doug.dpol.k12.ca.us>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Guys, last year the late Bob Gobrick suggested that we do a compendium for Pacificon, and it was a brilliant suggestion. We did it, and it was very successful, in fact, the 200 that we printed were gone by 9:30 in the morning, and we almost caused a riot in the hotel when Paul suggested that guys could stop by our room to pick up their copy Friday night. Have you ever had 70 people waiting in the hall way outside your room in a hotel? I'll never forget the lady in the room next door opening up her door at 10:30 at night and seeing this huge crowd of people. She looked at me, I shrugged my shoulders and apologized, she shook her head and locked the door. Something about a deadbolt slamming home that is very abrupt, grin!!

This year, we will correct that situation. I could not believe that Paul and I had so many people in our room on Friday night. So, we have scheduled a room for a QRP Open House on Friday as well as Saturday. And, again, we will have a compendium. This year's is going to be the same size as QRPP, which is much easier to store and keep. Last year we did the 8.5 x 11 size like QQ, and although it is far easier to layout, the thing is just too big to be handy. I prefer the 5.5 x 8.5" book size. Don't worry though, the schematics will be fold outs. We can do them by hand with 300 books. All of the speakers are doing articles for it, and I have 3 of them layed out already. The compendium already has 31 pages, and the articles by the

presenters are outstanding. Mike Gipe has one on operating QRP that is a must read, Dick Pascoe does the definitive piece on the history of QRP Clubs. No, ARCI is not the oldest QRP Club, in fact it is not even the second oldest. I won't steal Dick's thunder, but his information is very, very enlightening, and you must hear Dick speak, as he is sure to keep you laughing and entertained. The next article is by Joe Everhart. His subject is "Quickies" and he will give an overview of the 31 Qrp Quickies that he has published the past 9 years. Wonderful article. Those are the ones that I have done. Next up will be the Jim Kortge's 2N22/6 Transverter article by Jim Kortge with 20, yes I said 20, illustrations, schematics and photos. If you read Jim's article on the original 2N2/40, then you know how good he is. I can't wait to get this one laid out, as it is one fine piece of work. Jim Duffey is sending me his antenna article this week, and Paul Harden is doing his on Learning Electronics from Regen Radios.

We are printing 300 of the compendiums this year, and they will be given away to all attendees at the QRP talks. They will be available Friday night at the QRP Hospitality Room hosted by NorCal. The compendiums are a gift from NorCal to the attendees. They will not be available later, and will not be sold. You have to attend to get one.

Pacificon will be held on Oct. 15, 16, & 17th at the Sheraton Hotel in Concord, CA. There is no additional charge for the QRP Events. This is one way that Jim and I have chosen to reinvest the funds generated by QRPp and the NorCal projects. We pay for the airfare and hotel accomadations of the speakers in order to attract the very finest in the world. Last year we started having a compendium and a special project. We have continued the compendium, but have changed the special project to an operating building event, the TT2/MRX. We had a no host dinner at Tony Roma's last year, and they could not handle the crowd, so this year we are going to Fuddrucker's on Friday night for the no host dinner, it is a bigger place, and it will be easier to pay (you do it up front). We have the open house in a much bigger room this year and it is on both nights.

Guys, QRP Forums are great events. The originator of the idea was George Dobbs, G3RJV, who started the Rochdale QRP Forum years ago. Then the guys at Dayton copied the idea, and started FDI. We had been doing a couple of qrp forums at Pacificon, but decided to expand it the same year as FDI. HamCom, Atlanticon, Ft. Tuthill, Ft. Smith, Iowa, North Carolina, all came about due to the desire of QRPers to meet and have fun. The one ingredient that is the most important to all of the QRP Forums are the people who attend. They make it what it is, and if you have any chance to attend one or more of these, by all means do so.

One year Jerry Parker literally worked himself sick doing a video feed over the internet. He did not enjoy it at all, and it was far too much worry and work. Afterwards he told me that he was glad that he tried it, but did not want to do that one again. I think Chuck says, "Been there, done that."

Every year guys suggest that we video tape or broadcast the forums on the internet. Or that we sell compendiums. The answer is no. It is my call, and that is the one that I have made. The speakers don't like to be video taped, we feel it would hurt attendance, and the it is just too much work. NorCal publishes 4 issues of QRPP per year, and we don't want to do another one. The compendiums are a little "extra" for Pacificon. The problems are just too many in our opinion. But I am just speaking for Pacificon and NorCal. If you wish to do that for your QRP Forum, by all means do so.

Hope to see you at Pacificon. 72, Doug, KI6DS

Date: Wed, 29 Sep 1999 12:25:46 -0600
From: "Carl Zmola" <zmola@campbellsci.com>
To: SFIKE@twa.com
Cc: qrp-l@lehigh.edu
Subject: [51647] Re: Patcomm part 2
Message-ID: <19990929182047761.AAA235@carl-zmola>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT

> Judging by the lack of feed-back I recieved from my earlier posting, I must
> be the only QRPer with interest in the Patcomm PC-9000 rig.

<http://www.jcre.com/patcomm.htm>

Supposedly they are shipping them. Looks like a neat little rig.

I'm wondering about it's filtering for CW. I like a 500hz filter.

Scott, why don't you just buy one and tell us all how you like it :-)

Carl

Carl
zmola@campbellsci.com

Date: Wed, 29 Sep 1999 14:18:14 -0400
From: Bruce Muscolino <w6toy@erols.com>
To: ki6ds@dpol.k12.ca.us
Cc: QRP-L@LEHIGH.EDU
Subject: [51648] Re: Pacificon Compendium Progress

Message-ID: <37F257E6.40B2@erols.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Doug,

We never claimed that FDIM was the first in the world. It was the first QRP Forum in the US. I will have to check with George about his earlier forums. In any event we were also the first to treat it as a PROFESSIONAL SEMINAR, and not a gathering, and publish proceedings that anybody could have, whether they attended or not.

We had high hopes for FDIM, we thought we might be building a library of QRP techniques that people would want to refer to later on. I believe your forums are good things. I wish you continued success with them. I only wish you would offer reprints of your materials. Not everyone can make it to Pacificon!

73

Date: Wed, 29 Sep 1999 18:26:55 GMT
From: mwattcpa@earthlink.net (Marty Watt)
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [51649] Re: Signal strength report without S meters
Message-ID: <37f25933.21566455@mail.earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: quoted-printable

On Wed, 29 Sep 1999 18:54:51 +0700, "Donny" <dsirait@centrin.net.id> =
wrote:

>Hi folks,
>I am just wondering how you folks give
>a signal report without an "S" meter on
>most of those tiny qrp rigs.
>Does any body has ever made a comparison
>on the ear S repots with the meter?
>Well you can say it is comparing apples to
>oranges since were using different radios
>but what I want to know is just a feeling
>of the real signal strength and the ability to
>give an honest report.

Experience tells me that outside of operating events (like contests), S-3=

and
below means copyable but well in the noise, S-5 is just above the noise, =
S-7
is well out of the noise, S-9 is no interference whatsoever with the =
signal,
S-9 plus 20dB is strong enough to overpower any competing signal =
completely
and 40 over is "hold on a second let me kick in some attenuation so you =
don't
blow out my front end".

--

Marty, N5NW

-----=

Memphis, Tennessee =
<http://home.earthlink.net/~mwattcpa>

Date: Wed, 29 Sep 1999 14:48:26 -0400
From: Russ Hines <radioruss@fuse.net>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [51650] Re: Signal strength report without S meters
Message-ID: <37F25EFA.FDDD219D@fuse.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Here's a thought... use "Q" signals instead. Q5 is quicker and easier to
send. BTW, for those who never use a voice mode, it's Q5 for great, Q1 for
ugly, your opinion in between. ;-)

I, for one, have a hard time differentiating between 599 and 589 RST
reports. And "20 over 9" is about as meaningful as knowing what the EXACT
AGC voltage is, IMHO.

73,
Russ
WB8ZCC

Marty Watt wrote:

>

> Experience tells me that outside of operating events (like contests), S-3 and
> below means copyable but well in the noise, S-5 is just above the noise, S-7
> is well out of the noise, S-9 is no interference whatsoever with the signal,
> S-9 plus 20dB is strong enough to overpower any competing signal completely
> and 40 over is "hold on a second let me kick in some attenuation so you don't
> blow out my front end".

Date: Wed, 29 Sep 1999 12:09:39 MST
From: "Chuck Adams, K7QO" <k7qo@hotmail.com>
To: PDouglas12@aol.com
Cc: qrp-1@lehigh.edu
Subject: [51651] Re: NorCal Paddles and Pacificon
Message-ID: <19990929190939.80677.qmail@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

I'm glad to see my friend in NY has a sense of humor about the paddles. :-) ;-) But that won't ever let me allow the Hensley Paddles outside the shack without two armed guards and Brinks Security truck to transport them to their destination. And even then --- at the destination I want bullet proof glass case and one of those finger print detection and other securities measures in place.... :-)

People talk about cosmetic defects caused by field use. I'm seen some of the field abuse taken by rigs that were for sale at HamCom, Dayton, Tuthill, and other places. :-) I don't want any of my rigs or accessories to suffer such a fate. Take care of your rig and your rig will take care of you. :-)

One thing about the NorCal paddles. If they get a chip etc., I know how to fix them. Same with Bencher, Brown, and other paddles that I have restored. No way that I can ever work on a Hensley or Mercury paddle.

Back to your regularly scheduled QRP program in progress.

dit dit

Chuck Adams K7QO CP-60 k7qo@hotmail.com <http://www.qsl.net/k7qo>
All QSLs to Box 11840, Prescott, AZ 86304-1840
Waiting on FCC ULS to catch up on update(s).....

Get Your Private, Free Email at <http://www.hotmail.com>

Date: Wed, 29 Sep 1999 12:22:53 -0700
From: ki6ds@dpol.k12.ca.us (Hendricks, Doug)
To: <qrp-1@lehigh.edu>
Subject: [51652] First QRP Forum in US
Message-ID: <01bf0ab0\$06e29e20\$630a0d0a@doug.dpol.k12.ca.us>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I believe the first QRP Forum in the US was held at HamCom in the 80's and George Dobbs, Wes Hayward, & Chris Page were among some of the speakers. Perhaps someone can tell us that was there when exactly it was. This is part of QRP History, and we need to get it right. 72, Doug, KI6DS

Date: Wed, 29 Sep 1999 13:15:48 -0600
From: "William R. Colbert" <af852@rgfn.epcc.edu>
To: ku7y@dri.edu, qrp-1@lehigh.edu
Subject: [51653] Re: Signal strength report without S meters
Message-ID: <37F26564.EC625CF5@rgfn.epcc.edu>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

And the R part of the report could also indicate the inability to copy the key or keyer resulting in a R 2 or 3 but if it is a key/keyer/bug problem then it should be followed with the appropriate QSD1,2 or other explanation. Lots of info can be given in an RST report if done correctly - without a meter.

73

Ray

--

"Politicians are like nappies. Both should be changed regularly -- and for the same reason"
"Scotsman - Scotsman's Diary 12/97"

Ray Colbert, W5XE, 00TC 3618, SOWP 1064M, NCT2
(also w5xe@juno.com El Paso, (FAR WEST) TEXAS

Date: Wed, 29 Sep 1999 15:46:29 -0400

From: David Hinerman <dlh1009@ritvax.isc.rit.edu>
To: qrp-l <qrp-l@lehigh.edu>
Subject: [51654] Re: transistor #
Message-ID: <37F26C95.17290482@rit.edu>
MIME-version: 1.0
Content-type: text/plain; charset=us-ascii
Content-transfer-encoding: 7BIT

david.sarrafa@thermacore.com wrote:

> > What you have is most likely a 2SC536F, which crosses to an NTE85 - an
> > NPN medium power audio amp. It'll take 70 volts on the collector, max.
> > continuous collector current 400 mA, and a gain-bandwidth product of 100
> > MHz, so it'd probably be usable as an RF amp at 80 or 40 meters
> > (although the total device dissipation is 500 mW, so you won't get a lot
> > out of it).
>
> I always thought that this reasoning tempting but a little dangerous...
>
> Yes, the NTE replacement will withstand 400 ma and 70 volts, etc, however
> the 2SC device may not. The NTE products are functional replacements and
> may have ratings which are in excess of the original device. For example
> you would only need to stock 1N4007 diodes as replacements for the whole
> 1N4.... series of diodes. The -007 costs more but you only need to take up
> one slot in your inventory. Sure, the 007 costs more but you are not an
> OEM looking to shave pennies you at this point are a repairman looking to
> save time and effort, so you pay a little more for an over-capacity part.
> You can't then go back and assume that since this NTE device replaces a
> 1N4002 then the 4002 must be good for 1kV.

Dave,

You are exactly right, and I should have stated that in my prior message. NTEs are not -exact- replacements, as I found the hard way when I did TV repair. (Back then they were ECG numbers, and I also used a lot of SK replacement parts.) Generic replacement CRT grid drivers (I think it was grid, anyway) frequently didn't cut it in terms of frequency response. Colors would smear all the way across the screen. I had to stick with the GE OEM transistors (which were commonly 2SC parts).

But the NTE cross -is- a quick way to get a clue as to what the part is used for.

> Not a flame, just food for thought. Comments welcome, corrections humbly
> accepted.

No flame taken. I'm in this to learn, too.

Dave

P.S. I've replied via the list because your point is worth repeating. I hope you don't mind. D.

--

Dave Hinerman WD8CIV
Ontario, NY Grid FN13IF
dlh1009@rit.edu

Date: Wed, 29 Sep 1999 15:14:06 -0500
From: Mark Arvidson <MarkA@entitysystems.com>
To: qrp-l@lehigh.edu
Subject: [51655] Help with newly purchased HW-8
Message-ID: <64FC7788EDFFD211BDF50090276265791A6152@mailhost.entitysystems.com>
MIME-Version: 1.0
Content-Type: text/plain

Howdy, all,

I've recently purchased a HW-8 from this list, and I have a couple questions about accessories. Specifically, I need to use a high-impedence speaker, correct? Along the lines of 1000 ohm. I have 8 ohm headphones I'd like to use, but there's a loud buzz when I connect them. I did connect them via a 1k to 8 ohm audio transformer.

Am I missing something? Reply direct, please.

Thanks,

Mark Arvidson, KB0SPQ/5
mark-arvidson@bigfoot.com

Date: Wed, 29 Sep 1999 13:17:11 -0700
From: "NA6E" <mcherry@calweb.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [51656] RE: NorCal Paddles and Pacificon
Message-ID: <NCBBKOCIO MHDDNLHFBLJOEFACAAA.mcherry@calweb.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Well Chuck, if someone can arrange the security measures on your end, I'll

set them up at this end in my room at Pacificon :) I promise to take very good care of them for you.

73

Mary, NA6E

Date: Wed, 29 Sep 1999 14:00:35 -0600
From: Roy <marion@montana.com>
To: <elecraft@qth.net>
Cc: <qrp-1@Lehigh.EDU>
Subject: [51657] 15 mtrs might be open
Message-ID: <199909292003.0AA22347@mail.montana.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

15 might be open. Just worked T31T, he gave me a 599 from the K2 @ 4watts with the beam pointed to Europe!! Roy AB7CE

Date: Wed, 29 Sep 1999 13:23:54 -0700 (PDT)
From: "David D. Meacham" <ddm@datatamers.com>
To: qrp-1@lehigh.edu
Subject: [51658] Pacificon MRX40 schematic error
Message-ID: <Pine.LNX.3.96.990929131518.5906E-100000@dt1.datatamers.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Gang,
I haven't seen it posted, so I'm listing an error I found in the schematic on page 11 of the Pacificon-kit manual:

The capacitor shown going from pin 6 to pin 7 of the NE612 (U1) is labeled "C7 270pF". It should be "C5 270pF". There is already a "C7" (3.3uF from pin 4 of U1).

I have my MRX about 90% done at this point. 72, Dave, W6EMD

Date: Wed, 29 Sep 1999 16:34:13 -0400
From: David Hinerman <dlh1009@ritvax.isc.rit.edu>

To: qrp-1 <qrp-1@lehigh.edu>
Subject: [51659] another Sudden Survey
Message-ID: <37F277C5.2D8EC8B4@rit.edu>
MIME-version: 1.0
Content-type: text/plain; charset=us-ascii
Content-transfer-encoding: 7BIT

Folks,

Another question:

Which of the following would you classify as QRM:

- A) Another CW conversation that is too close to your own frequency.
- B) A shortwave broadcast on 40M
- C) Ignition noise from passing cars.
- D) Electrical noise radiated by your computer monitor.

Dave

--

Dave Hinerman WD8CIV
Ontario, NY Grid FN13IF
dlh1009@rit.edu

Date: Wed, 29 Sep 1999 21:40:15 +0100
From: "Tony Fishpool" <g4wif@btinternet.com>
To: "Doug Hendricks (School)" <ki6ds@dpol.k12.ca.us>, "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [51660] Re: First QRP Forum in US
Message-ID: <006b01bf0aba\$ebfd3ce0\$1e3863c3@p75>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Chaps,
SPRAT 37 has a photo on the front cover showing QRP luminaries GM3OXX,
W0RSP, G3RJV, G4BUE and W7ZOI, all shown receiving certificates of honorary
Texan citizenship (an honour that was bestowed on G3MFJ and I this year).

Inside SPRAT, the report starts. "as early as 1981 plans were underway for
the first QRP forum to be staged at an ARRL National convention. The site of
the 1983 convention was Houston in Texas....."

I suspect that this 1983 Hamcom is the event that Doug has referred to.

Kind regards
Tony - G4WIF

-----Original Message-----

From: Hendricks, Doug <ki6ds@dpol.k12.ca.us>

>I believe the first QRP Forum in the US was held at HamCom in the 80's and
>George Dobbs, Wes Hayward, & Chris Page were among some of the speakers.
>Perhaps someone can tell us that was there when exactly it was. This is
>part of QRP History, and we need to get it right. 72, Doug, KI6DS

Date: Wed, 29 Sep 1999 16:49:38 -0400 (EDT)
From: Chris Cartwright Sr <ccart@phideaux.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [51661] RE: NorCal Paddles and Pacificon
Message-ID: <Pine.LNX.4.04.9909291626050.11677-100000@dns.phideaux.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Wed, 29 Sep 1999, NA6E wrote:

> Well Chuck, if someone can arrange the security measures on your end

Not to push QRP-L #1, or anyone else into anything... but... Jerry
KR5L, Scott N3BY and myself did drag the all "good" paddles to Dayton and
Atlanticon. We had Mercury, Schurr, WBL, Czech, etc, etc, for display and
test drives. As long as you didn't pick them up, drool to much, or try to
distract the owners ;) It was very well recieved. It's rare to be able to
test drive "all" the high end paddles at one sitting.

Reviews were mixed, some folks couldn't see/feel why a \$500 paddle was any
better than the \$25 one, others were happy just to have been able to
touch an original Mercury/WBL/Schurr/etc, but at least they could compare.
Some folks likened it to going out and test driving new cars, they weren't
going to buy one, but it was fun, and you get to see what all the fuss
is about.

I saw a Mercury for the first time at Dayton in '97 (KR5L's) and knew I
had to have one:) It took a year and a half, but I found #214 for sale,
and jumped at it. I don't blame Chuck, or anyone else for not wanting to

drag their best toys across the country, into a crowded room of people, it's a large investment and worth protecting. But if a few trusted friends watch each others toys, everyone gets a chance to mingle, and the group at large gets to see what all the fuss is about. If only I could go to Pacificon...

72

```
-- Chris Cartwright,   Technical Engineer   |       ccart@phideaux.com       --  
-- N3XRV      ARRL-VE   Norcal Zombie #163   |   Gaithersburg, MD FM19je   --  
-- MDmW #5 NJ-QRP #105 QRP-L #655 NORCAL #1891 FISTS #5028 QRP-ARCI #9271 --
```

Date: Wed, 29 Sep 1999 15:55:58 -0500 (EST)
From: igeq100@iupui.edu
To: David Hinerman <dlh1009@ritvax.isc.rit.edu>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [51662] Re: another Sudden Survey
Message-ID: <Pine.HPP.3.96.990929155213.1683A-100000@ruby.iupui.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Dave -

I would call A and B QRM, because they are bona fide communications interfering with you. I would call C and D QRN because they do not arise from intentional communications. C and D also share physical characteristics with natural (atmospheric) QRN and are almost as hard to deal with. A and B, having a more uniform "structure", are easier to deal with electronically.

73,

Richard Meiss, WB9LPU

On Wed, 29 Sep 1999, David Hinerman wrote:

```
> Folks,  
>  
> Another question:  
>  
> Which of the following would you classify as QRM:  
>  
> A) Another CW conversation that is too close to your own frequency.  
> B) A shortwave broadcast on 40M
```

> C) Ignition noise from passing cars.
> D) Electrical noise radiated by your computer monitor.
>
> Dave
>
> --
> Dave Hinerman WD8CIV
> Ontario, NY Grid FN13IF
> dlh1009@rit.edu
>

Date: Wed, 29 Sep 1999 16:00:59 -0700
From: "Jerry Bartachek" <jbartac@max.state.ia.us>
To: qrp-l@Lehigh.EDU
Subject: [51663] Re: ...Speaking of Buzzing
Message-ID: <37F29A2B.5201@max.state.ia.us>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

On Sept 3rd, I posted to the QRP-L about exactly these same sort of QRN sounds, including 20 meters and 80 meters, but I received several replies telling me it was definitely in my neighborhood, had to be light dimmers, couldn't be propagated from afar, etc.

Now I see that other hams DO hear these "buzz saws" also. Here in eastern Iowa I have heard a really loud buzzy roar in both Iowa City and Washington on the 80 meter band in the lower portion of the novice band. Sometimes I notice on different days it moves a few KHZ but still occupies a 12 - 15 KHZ band.

I also hear the 20 M sounds you describe, and at times they're also in the SSB part of the band. I don't work SSB, but I was scanning the band to see where else the QRN shows up. Sometimes in the early AM the sound covers about 1/2 of the CW section on 20M and later in the day or in the evening it is gone with a change in the propagation. Sometimes it is kinda weak, and with a narrow filter, I work right through it... other times it is impossible.

I feel better knowing others have heard it also.

Jerry L. Bartachek KD0CA <><
Washington, IA

George T. Baker (w5yr@swbell.net) wrote:

And another one just above 14,060

I read it at about 14.064 to 14,065 - seems to vary a little from day to day. The audio spectrum is always the same: three peaks spaced about 50 Hz or so apart.

Fortunately this is far enough up the band to not be all that much a problem, but it is annoying at best. I can't trace it to anything local or in the house/shack so I wonder if others are hearing it.

Date: 29 Sep 1999 15:58:37 L0C
From: <SFIKE@twa.com>
To: <qrp-l@lehigh.edu>
Subject: [51664] Patcomm part 3
Message-ID: <19990929.155837.SFIKE@twa.com>

For those interested, I got ahold of a Patcomm Rep. and he said that the new Patcomm PC-9000 has indeed started shipping and it will receive its full review in the upcoming November issue of QST!

Looks like a rig with great potential and my hopes are high!

72

Scott

Date: Wed, 29 Sep 1999 14:12:57 -0700
From: Bill Jones <kd7s@psnw.com>
To: unlisted-recipients;; (no To-header on input)
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [51665] Re: NorCal Paddles and Pacificon
Message-ID: <37F280D9.686F2F95@psnw.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I don't blame Chuck one bit for being reluctant to allow people to handle his paddles. These devices are precision instruments and are no doubt painstakingly adjusted to accommodate his 'feel'. Everybody who knows Chuck knows that he is generous to a fault, but his mama didn't raise no dummies.

--

=====

Bill Jones - KD7S <><
Sanger, California

<http://www.psnw.com/~kd7s>
=====

Date: Wed, 29 Sep 1999 17:36:59 +0100
From: Andy C Meng <andymeng@juno.com>
To: qrp-1@lehigh.edu
Subject: [51666] Thanks! (Re: a variety of questions)
Message-ID: <19990929.173913.3294.3.andymeng@juno.com>

Thanks for all your help my questions.

On the PC boards: I think I'm going to try my own with a pen and see how it works out... We've got etchant and board scraps so I guess it's worth a try.

I think I will go with a DSW20. I think I have enough parts to build a tuner, and have everything but the toroid to build an SWR sensor. First, though I have to sell the TNC :-).

Thanks again!

Andy

Andy KC8KFI Cincinnati, OH freshman at St. Xavier HS
www.stxavier-cincy.org
total HF QRP CW contacts; ~53 WEB: www.qsl.net/kc8kfi
andymeng@juno.com
SW40+ running 1-2W into a dipole at 28ft -- straight key
projects: IR start timer for motocross practice track, restoring SB-104
to working
condition, wirebrushing and painting tower, SMT G4WIF regen

Get the Internet just the way you want it.
Free software, free e-mail, and free Internet access for a month!
Try Juno Web: <http://dl.www.juno.com/dynoget/tagj>.

Date: Wed, 29 Sep 1999 17:48:17 -0400
From: "Dieter Gentzow WB8QYY" <wb8qyy@one.net>
To: <qrp-1@Lehigh.EDU>

Subject: [51667] paddles
Message-ID: <003101bf0ac4\$57a76840\$0102030a@amd300>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I've seen lots of trafic ref paddles lately . Not knowing what good paddles are or what good keyers are even, I'll say this one more time
I built up a couple of capacitive paddles and compared them to the old mechanical paddles and have concluded that digital capacitive paddles are the only way to go. I say this after using a cap paddle that I have built and used for 2 weeks now. Been a ham fer 25 years and enjoyed cw & ssb over the years; now i'm into this qrp thingie and im tellin ya all that the cap paddles schematic I found on the web (drum thingie) is the best thing since QRPp. check out my schematic; try it;
let me know ioif you think there is something better out there(after U build my circuit).

72

Dieter (DIZ) Gentzow - WB8QYY
Loveland, Ohio
FPqrp#1 QRP-L#1998 10-X#9389 K2#493
<http://w3.one.net/~gentzow/wb8qyy.htm>

Date: Wed, 29 Sep 1999 23:27:10 +0100
From: "Colin" <gw3wsu@gw8nnc.screaming.net>
To: "Low Power Amateur Radio QRP Discussion" <qrp-l@Lehigh.EDU>
Subject: [51668] Re: ...Speaking of Buzzing
Message-ID: <003601bf0ac9\$c61914e0\$b8fc31d4@default>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

----- Original Message -----
From: Colin <gw3wsu@gw8nnc.screaming.net>
To: <jbartac@max.state.ia.us>
Sent: Wednesday, September 29, 1999 11:24 PM
Subject: Re: ...Speaking of Buzzing

Hi all. I've often heard a "buzzing" on 15 metres. Could it be the transmissions that are used to check the "critical frequency"? They beam them vertically at the ionosphere I believe!

72, GW3WSU Colin QRP-L # 2021
FISTS # 4815
G-QRP # 4641
gw3wsu@gw8nnc.screaming.net

----- Original Message -----

From: Jerry Bartachek <jbartac@max.state.ia.us>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Sent: Thursday, September 30, 1999 12:00 AM
Subject: Re: ...Speaking of Buzzing

On Sept 3rd, I posted to the QRP-L about exactly these same sort of QRN sounds, including 20 meters and 80 meters, but I received several replies telling me it was definitely in my neighborhood, had to be light dimmers, couldn't be propagated from afar, etc.

Now I see that other hams DO hear these "buzz saws" also. Here in eastern Iowa I have heard a really loud buzzy roar in both Iowa City and Washington on the 80 meter band in the lower portion of the novice band. Sometimes I notice on different days it moves a few KHZ but still occupies a 12 - 15 KHZ band.

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Washington, IA

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I read it at about 14.064 to 14,065 - seems to vary a little from day to day. The audio spectrum is always the same: three peaks spaced about 50 Hz or so apart.

Fortunately this is far enough up the band to not be all that much a problem, but it is annoying at best. I can't trace it to anything local or in the house/shack so I wonder if others are hearing it.

Date: Wed, 29 Sep 1999 18:30:21 -0400
From: "ai2q" <ai2q@ispchannel.com>
To: <K2UD@aol.com>
Cc: "Low Power Amateur Radio Discussion (E-mail)" <qrp-l@Lehigh.EDU>
Subject: [51669] RE: ...Speaking of Buzzing
Message-ID: <000e01bf0aca\$383f3040\$5c32a7d0@ai2q.ispchannel.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Thanks for your observations Howard, but this noise is being observed over hundreds of square miles, as confirmed by chats with others on the packet cluster. It's definitely not a local device as you suggest. Check out the low end of the band occasionally in the evenings and see if you hear it.

Vy 73, AI2Q, Alex in Kennebunk, Maine, QRP-L # 687 .-.-.

-----Original Message-----
From: K2UD@aol.com [mailto:K2UD@aol.com]
Sent: Wednesday, September 29, 1999 6:16 PM
To: ai2q@ispchannel.com
Subject: Re: ...Speaking of Buzzing

Around 3520kHz? It's a cordless phone device. You plug the base unit in, plug a "cordless" phone into the AC outlet only. It uses the AC mains in the house as a carrier current system. You can carry the phone anywhere in the house and use it simply by plugging it into any AC outlet in the house.

Stories about this in some of the ham mags in the past year, QST notably. Listen to the noise sometime, you will hear raspy voices from time to time along with dialing signals.

Howard Kraus, K2UD

Date: Wed, 29 Sep 1999 15:49:03 -0700 (PDT)
From: "Jack Oakland, CA" <w6abc@yahoo.com>
To: qrp-l@Lehigh.EDU
Subject: [51670] MRX-40 Progress
Message-ID: <19990929224903.15288.rocketmail@web2103.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Hi,
Just a progress report on the Building of the
TT2/MRX-40. I decided to build the receiver first and
finished just a few minutes ago. I tested it and it
works great. Receive frequency on mine is a bit on
the high side, but well within the range of 7.040.
Now onto the TT2.
I've decided to build both in one enclosure as a
transceiver of sorts. I wonder if anyone has done
that already? I have a box here that will accomodate
both PC boards and not be too excessive in size.
Anyway that's the plan right now.
72,
Jack W6ABC

Do You Yahoo!?
Bid and sell for free at <http://auctions.yahoo.com>

End of QRP-L Digest 1593

